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 Plant Introduction Section  
 Plant Industry Station  
 Beltsville, Maryland, U.S.A.

Cuba	1 - 266	pp 1 - 11
Puerto Rico	257 - 494	pp <del>11</del> 12 - 22
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Costa Rica (1)	614 - 941	pp 23 - 36
Costa Rica (2)	1000 - 1332	pp. 39 - 52
Costa Rica (3)	1350 -	pp. 53 -

H = for Nat. Heart Inst.

E = " ERRL

C = " Nat. Cancer Inst.

10 after 207 for 172

B.G. Schubert numbers - Cuba

Solidad nos 1-256

Feb 2 - Mar. 16/54

- H 1. *Albizzia moluccana* ✓ legum.  
E 2. *Ixora macrothyrsa* ✓  
E 3. *Casuarina fraseri*  
E 4. *Garcinia dulcis*  
E 5. *Clusia rosea*  
H+E 6. *Ixora acuminata* ✓  
H 7. *Acacia auriculaeformis*  
H 8. *Acacia confusa*  
H 9. *Acacia farta*  
H 10. *Desmodium ocrapiurus*  
E 11. *Urchites lutea*  
H 12. *Kigelia pinnata*  
H 13. *Dillenia philippinensis*  
14. *Anacardium occidentale*  
H 15. *Cassia moschata*  
H 16. *Desmodium canum*  
H 17. *Christia finifolia*  
H 18. *Colubrina ferruginea*  
E 19. *Albizzia polyphylla*  
H 20. *Clorodendron tuberculatum*  
H 21. *Tarbutia berterii*  
E 22. *Syzygium linsatum*  
H 23. *Desmodium tortuosum*  
H 24. *Ormosia monosperma*  
H 25. *Congra tomentosa*

✓

H 34a *Ormosia monosperma*  
additional material

see after 347, 37a, 453a  
for 34b

- E 26. *Bassia latifolia*  
 H 27. *Myroxylon perirae*  
 C 28. *Casuarina fraseriana*  
 C 29. *Casuarina leptophloia*  
 C 30. *Casuarina angulata*  
 H 31. *Mammra americana*  
 H 32. *Eugenia floribunda*  
 H 33. *Cassia siamea*  
 H 33a. " additional material  
 H 34. *Ormosia monosperma*  
 H 35. *Phyllocarpus septentrionalis*  
 H 36. *Rhedia aristata*  
 H 37. *Mimusops albescens*  
 E 38. *Myrica rubra*  
 39. *Vigna cylindrica?*  
 H 40. *Ficus benjamina*  
 H 41. *Poinciana pulcherrima*  
 H 42. *Chrysobalanus Icaco*, v. *pelocarpus*  
 H 43. *Thouinidium pulverulentum*  
 C 44. *Cupressus sempervirens*, v. *stricta*  
 H 45. *Piptadenia macrocarpa*  
 H 46. *Canella winterana*  
 H 47. *Mascherinasia elastica*  
 H 48. *Oliveria edulis*  
 H 49. *Posoqueria latifolia*  
 H 50. *Sidrocarpus flexicaulis*

see after 209 + 7a  
53a additional material

*Opuntia panamensis*

55a

see 58a after 34 -

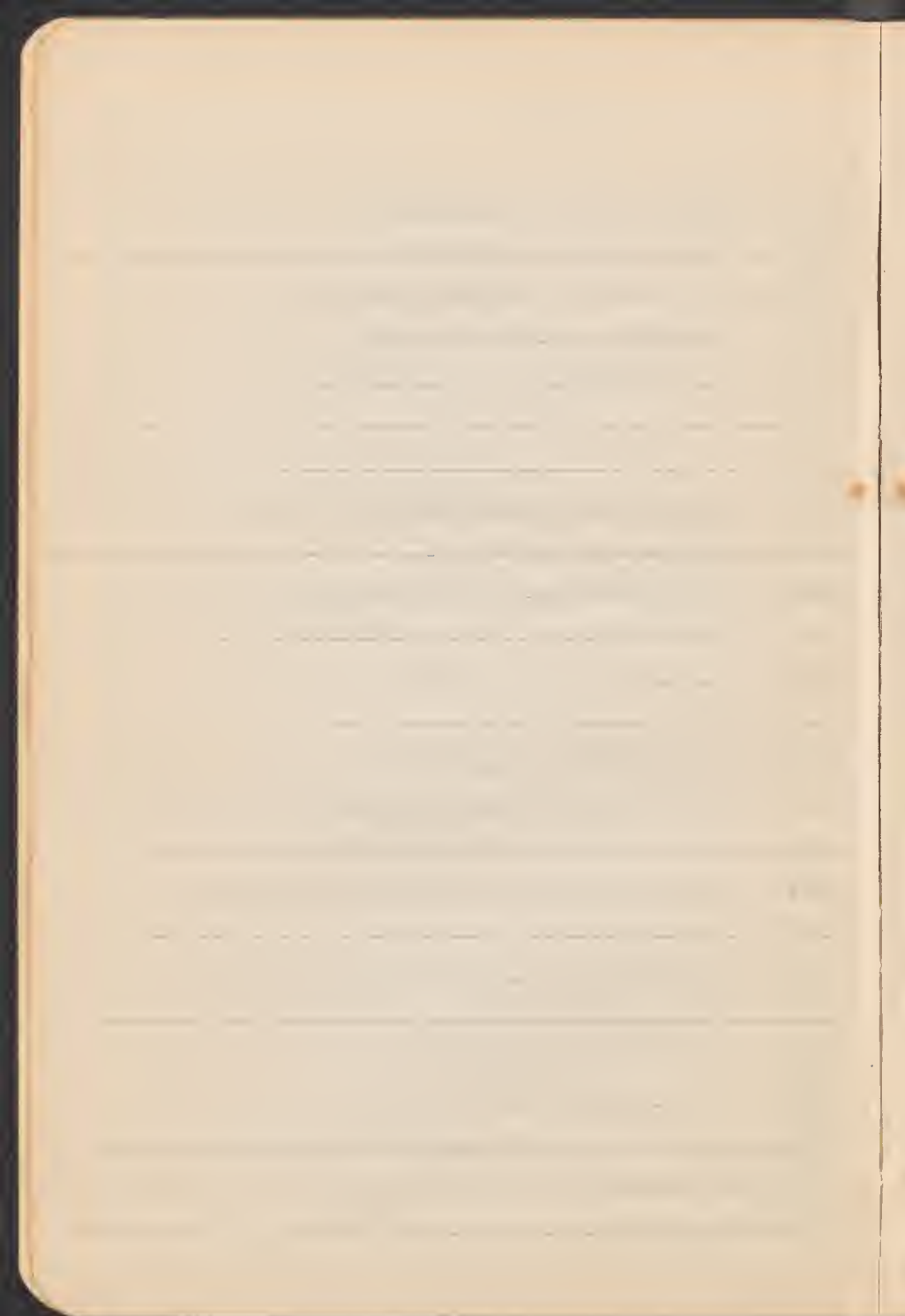
see 73a



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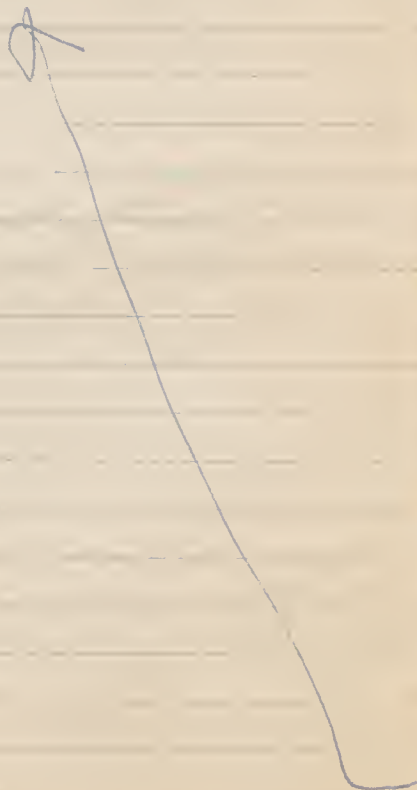
3

- H 51 *Jacquinia armillaris*  
H 52 *Hymenaea courbaril*  
H 53 *Ormosia panamensis*  
H 54 *Cordia angiocarpa*  
H 55 *Zanthoxylum jagara*  
H 56 *Wallenia laurifolia*  
H 57 *Capparis cynophallophora*  
H 58 *Lysiloma latissinqua*  
E 59 *Eugenia axillaris*  
H 60 *Calyptranthes dicandra*  
C 61 *Callistemon lanceolatum*  
H 62 *Callistemon rigidus*  
H 63 *Hibiscus latus*  
H 64 *Miconia triandra*  
C 65 *Cupressus macrocarpa*  
C 66 *Cupressus Benthamii*  
C 67 *Simoucaria excelsa*  
C 68 *Cupressus glauca*  
C 69 *Juniperus monosperma*  
E 70 *Cupressus funbris*  
C 71 *Callitris quadrivalvis*  
E 72 *Euphorbia longana*  
H 73 *Sideroxylon foetidissimum*  
H 74 *Mimosa bidinata*  
H 75 *Catalpa macrocarpa*



- H 76 *Zanthoxylum martinicense*  
 H 77 *Mythronium minutifolium*  
 H 78 *Zanthoxylum acutius*  
 H 79 *Eugenia rigidifolia*  
 H 80 *Maydisia cordigera*  
 H 81 *Pisonia horrida*  
 H 82 *Maytenus laurifolia* do not use this n°/ material not taken  
 H 83 *Elettaria complanata*  
 H 84 *Gepipa americana* (Faint)  
 H 85 *Eugenia rigida*  
 H 86 *Campylanthus*  
 H 87 *Bursera simarouba*  
 H 88 *Mimosa catalinae*  
 H 89 *Itymitia rankiniana* - *horrida* (Faint)  
 H 90 *Artisia eximius*  
 H 91 *Psychotria*  
 H 92 *Maytenus laurifolia*  
 H 93 *Hypoburnia cubensis*  
 H 94 *Mythronium* (Faint)  
 H 95 *Xylocarpus grandifolius*  
 H 96 *Pisonia*  
 H 97 *Palicourea crocea*  
 H 98 *Clusia minor*  
 H 99 *Amelanchier fagifolia* (Faint)  
 H 100 *Psychotria horizontalis*

H 16a Desmodium canum



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- H 101 *Alibertia edulis*  
 H 102 *Desmodium affine*  
 H 103 *Desmodium aduncum*  
 H 104 *Palicourea*  
 H 105 *Sisymbrium parviflorum*  
 H 106 *Rondeletia coriifolia*  
 H 107 *Lyonia myrtilloides*  
 H 108 *Vaccinium durum?*  
 C 109 *Pinus occidentalis*  
 H 110 *Pisonia rotundata*  
 H 111 *Phyllanthus orbicularis*  
 H 112 *Anacanthus*  
 H 113 *Pseudocalpidium brightii*  
 H 114 *Byrsonima cuneata*  
 H 115 *Simarouba lewis*  
 H 116 *Eugenia cyphophylla*  
 H 117 *Rhacoma fruticosa*  
 H 118 *Psidium havanensis*  
 H 119 *Rhytidophyllum*  
 H 120 *Zanthoxylum dumosum*  
 H 121 *Randia sagreana*  
 H 122 *Dendrophthora* (*Phoradendron Randiaefolium*)  
 H 123 *Samyda grandiflora*  
 H 124 *Tacquinia aculeata*  
 H 125 *Tetrazygia pallens*  
 H 16a *Desmodium canum*

1890

1891

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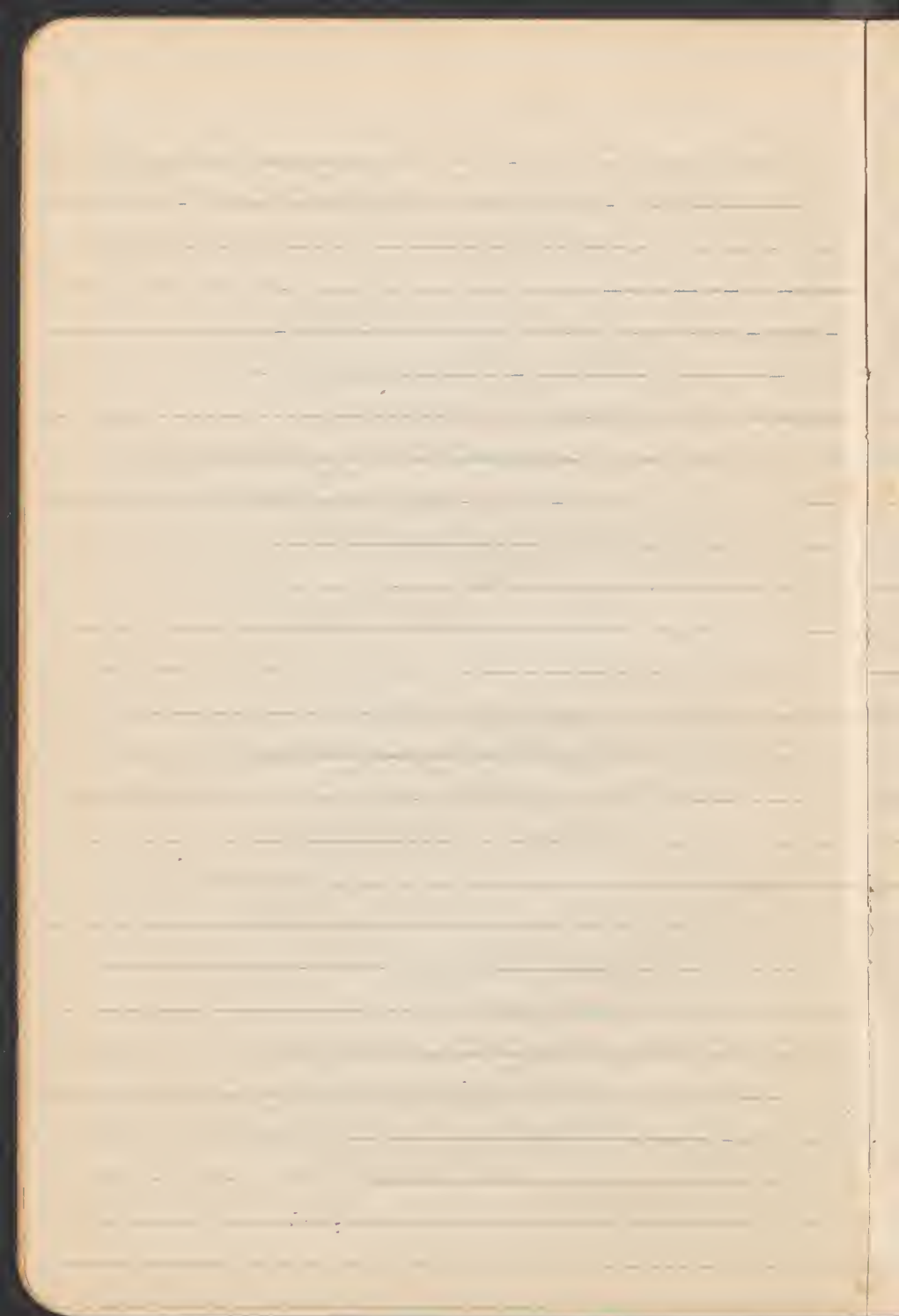
1900

1901

1902

1903

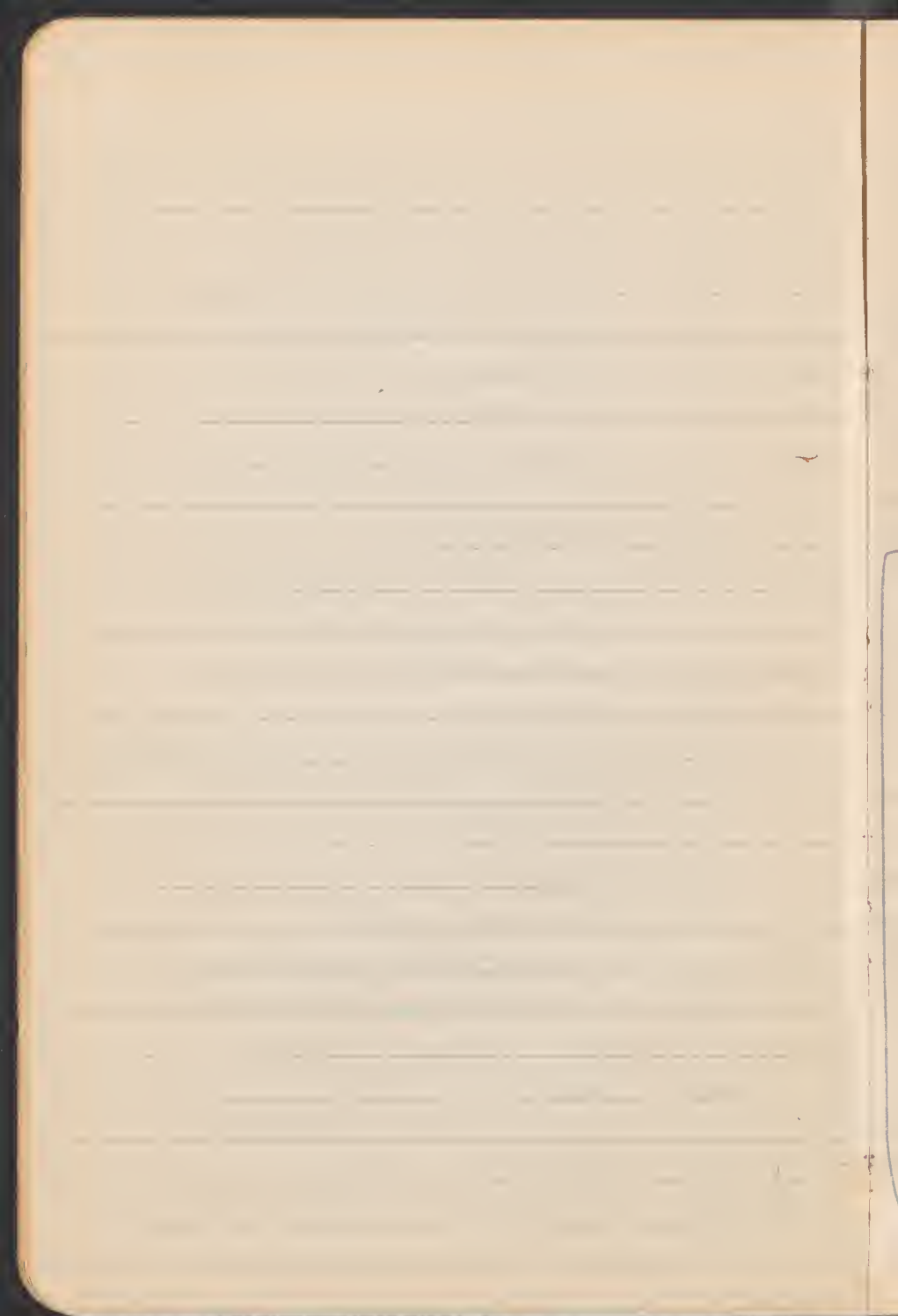
- H 126 *Ocotea nitida*  
 H 127 *Eugenia axillaris*  
 H 128 *Coccoloba microphylla*  
 H 129 *Securidaca virgata*  
 H 130 *Stylosanthes viscosa*  
 H 131 *Acanthaceae virgatus*  
 H 132 *Securidaca Lamareckii*  
 H 133 *Zanthoxylum elephantiasis*  
 H 134 *Zanthoxylum*  
 H 135 *Psidium*  
 H 136 *Maytenus buxifolia*  
 H 137 *Eugenia*  
 H 138 *Rhædia aristata* f. *ruscifolia*  
 H 139 *Rondeletia camarioca*  
 H 140  
 H 141 *Cassipourea sylvestre*  
 H 142 *Daphnopsis oblongifolia*  
 H 143 *Karwinskia oblongifolia*  
 H 144 *Symplocos*  
 H 145 *Eugenia clarensis*  
 H 146 *Andira inermis*  
 H 147 *Pera humilifolia*  
 H 148 *Athysanella cubensis*  
 H 149 *Bucida buceras*  
 H 150 *Erythroxylon rotundifolium*





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- H 151 *Eugenia buxifolia*  
 H 152 *Maba crassinerwis*  
 H 153 *Eugenia floribunda*  
 H 154 *Calyptranthes syzygium*  
 H 155 *Eugenia*  
 H 156 *Chiococca alba*  
 H 157 *Cnestidium rufescens*  
 E 158 *Chrysophyllum olivaeformis*  
 H 159 *Cassaria*  
 H 160 *Neea* (Tom. Braceli?)  
 H 161 *Carsalpinia myabensis*  
 H 162 *Pithecellobium prehensile?*  
 H 163 *Borreria*  
 H 164 *Zanthoxylum pimpinelloides*  
 H 165 *Piscidia havanensis* (*Ichthyomethia*)  
 H 166 *Thouinia*  
 H 167 *Lantana involucrata*  
 H 168 *Ravenia leonis*  
 H 169 *Carsalpinia vesicaria*  
 H 170 *Hyperbarea litoralis*  
 H 171 *Bunchosia leonis*  
 H 172 *Saxifraga frutescens*  
 H 173 *Cammaria latifolia*  
 H 174 *Catesbara nana*  
 H 175 *Ariadne Shaferi*



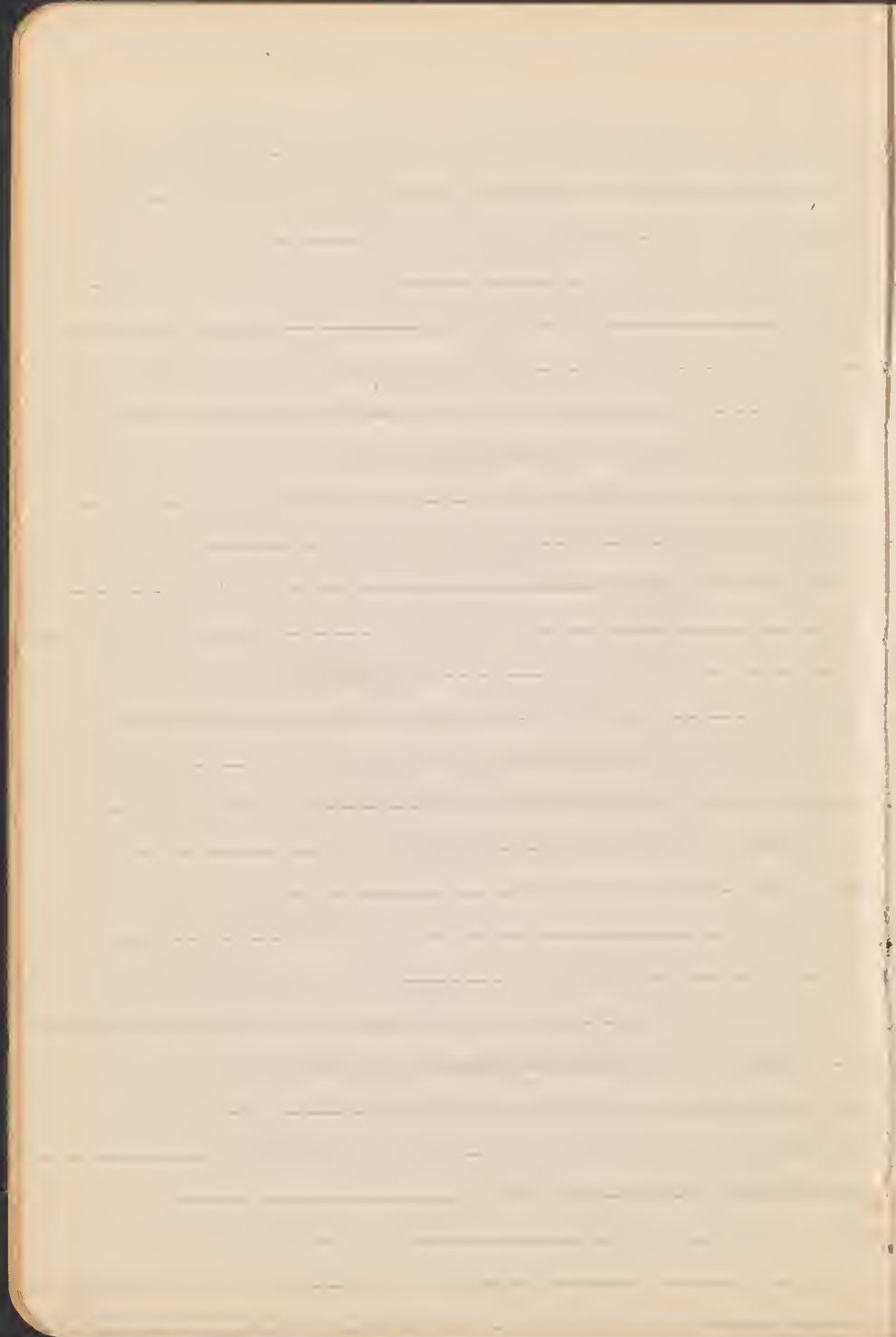
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- H 176 *Annona moensis*  
 H 177 *Caesalpinia*  
 H 178 *Coccoloba geniculata*  
 H 179 *Exostemma stenophylla*  
 H 180 *Callicarpa*  
 H 181 *Guttarda ferruginea*  
 H 182 *Annona sclerophylla*  
 H 183 *Coccoloba Cowellii*  
 H 184 *Eugenia*  
 H 184<sup>6</sup> *Psidium minutifolium*  
 H 184<sup>7</sup> *Eugenia*  
 H 184<sup>8</sup> *Spathelia*  
 H 184<sup>9</sup> *Psychotria*  
 H 184<sup>90</sup> *Guttarda*  
 X 1901 *Dioscorea*  
 X 1902 *Dioscorea*  
 H 1903 *Plumieria clusipolia*  
 H 1904 *Ehriococca alba*  
 H 1905 *Psychotria*  
 H 1906 *Palicourea (Paysonia pubescens)*  
 H 1907 *Hyperbarna*  
 H 1908 *Erythronylon longipes*  
 H 1909 *Mimosa Ekmanii?*  
 H 19200 *Clodendron aculeatum*  
~~200~~  
 H 1905 *Pursetia marginata*

- ✓ 17a *Eleocharis tinifolia*
- ✓ 53a *Armosia panamensis*
- ✓ 34b " *monosperma*
- ✓ 58a *Lysitoma latisiliqua*
- ✓ 50a *Siderocarpus flexicaulis*
- ✓ 53b *Armosia panamensis*
- ✓ 55a *Zanthoxylum fagara*
- ✓ 73a *Sideroxylon foetidissimum*

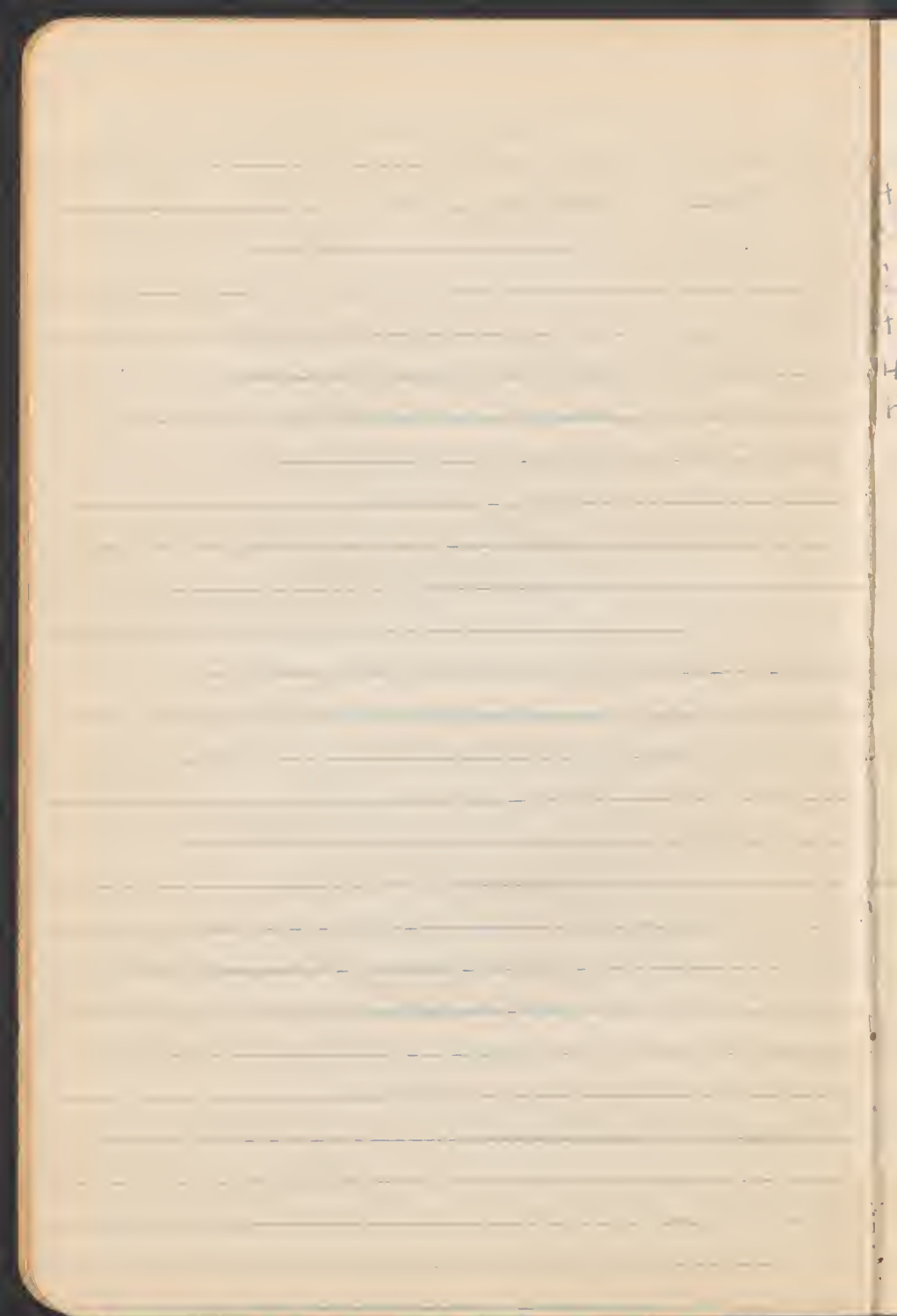
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- H 201 *Macroptilium* ~~erectum~~ <sup>(*Phaseolus viridis*)</sup>  
 C 202 *Rhabdadenia paludosa*  
 203 *Drosera rotundifolia* var.  
 H 204 *Vaccinia* *shapleyi*  
 H 205 *Diodia*  
 H 206 *Exostemma caribaea*  
 H 207 *Hamelia patens*  
 H 208 *Elaeocarpus siamensis*  
 H 209 *Muntingia calabura*  
 H 210 *Ammyris elemifera*  
 H 211 *Calyptanthus* aff. *cubensis*  
 H 212 *Schoepfia* ~~caenotaxis~~ <sup>*chrysophylloides*</sup>  
 H 213 *Chrysophylloides* ~~caenotaxis~~ <sup>*caenotaxis*</sup>  
 H 214 *Eugenia*  
 H 215 *Martynus phyllanthoides*  
 H 216 *Eugenia ligustrina*  
 H 217 *Bauhinia* ~~heterophylla~~  
 H 218 *Croton sagraranum*  
 H 219 *Pithecellobium tortum*  
 H 220 *Drosera rotundifolia* v. *angustifolia*  
 H 221 *Chrysophylloides*  
 H 222 *Eugenia* aff. *rigidula*  
 H 223 *Eugenia megacephala*  
 H 224 *Eugenia*  
 H 225 *Plania cubensis*



✓ copied

- H 226 Taconabo  
 H 227 Psychotria aff. costivenia  
 H 228 Guettarda  
 H 229 Calyptanthus carolin<sup>a</sup>  
 H 230 Eugenia gabalonensis  
 H 231 Annona bullata  
 H 232 Attaleia apicala  
 H 233 Cnecorum sp.  
 234 Dioscorea  
 H 235 Hippocratea  
 H 236 Palicourea  
 H 237 Cissampelos parvisar  
 H 238 Pinus caribaea  
 H 239 Mucuna  
 H 240 Serjania  
 H 241 Pinus tropicalis  
 H 242 Cyrtilla  
 H 243 Rondeletia odorata  
 H 244 Cajalbancia (Sauvalle) <sup>immargi</sup>  
 H 245 Spermocoe <sup>muta</sup>  
 H 246 Rourra glabra  
 H 247 ~~Leucaena~~ <sup>Leucaena</sup>  
 H 248 Dichrostachys mutan.  
 H 249 Gliricidia sepium  
 H 250 Bumelia Roigii





- + 251 *Porteria domingensis*  
 252 *Hernandia sonora*  
 253 *Hernandia beringuensis*  
 + 254 *Cassia biflora*  
 H 255 *Herbstigma cubensis*  
 H 256 *Enterobium cyclocarpum*

Puerto Rico — 11/4/54 —

- |     |                                |            |
|-----|--------------------------------|------------|
| 257 | <i>Hamelia patens</i>          | (Rub.)     |
| 258 | <i>Piptadenia peregrina</i>    | (Leg.)     |
| 259 | <i>Adenanthura pavonina</i>    | (Leg.)     |
| 260 | <i>Laegreia resinosa?</i>      | (Rub.)     |
| 261 | <i>Helicteres jamaicensis</i>  | (Stercul.) |
| 262 | <i>Desmodium axillare</i>      | (Leg.)     |
| 263 | <i>Desmodium canum</i>         | (Leg.)     |
| 264 | <i>Desmodium adscendens</i>    | (Leg.)     |
| 265 | <i>Aeschynomene americana</i>  | (Leg.)     |
| 266 | <i>Desmodium tortuosum</i>     | (Leg.)     |
| 267 | <i>Desmodium procumbens</i>    | (Leg.)     |
| 268 | <i>Olysicarpus vaginalis</i>   | (Leg.)     |
| 269 | <i>Dolicholus pyramidalis?</i> | (Leg.)     |

see next page

2003 } seed pods ~~immature~~ } 258 ✓  
2008 } leaves + stems }

2014 } dry bark } 260 ✓  
2010 } lvs + twigs }

2023 } lvs + twigs } 259 ✓  
2024 } seeds + pods }

2026 } seeds pods + stems } 266 ✓  
2022 } whole pl. }

2027 } plant tops } 265

Puerto Rico - 11/4/54

Book 1.

N. no/	BGS. n°	
2001 ✓	257	<i>Hemelia patens</i>
2002	258	<i>Piptadenia peregrina</i>
2003 ✓	259	<i>Admanthosa pavonina</i>
2004	260	<i>Laugeria resinosa</i>
2005	261	<i>H. licteros jamaicensis</i>
2006	262	<i>Desmodium apillare</i>
2007	263	<i>Desmodium canum</i>
2008	264	<i>Desmodium adscendens</i>
2009 ✓	265	<i>Reschynomene americana</i>
2010	266	<i>Desmodium tortuosum</i>
2011	267	<i>Desmodium procumbens</i>
2012	268	<i>Alysicarpus</i>
2013	269	<i>Dolicholus pyramidalis?</i>
2014	270	<i>Posoqueria latifolia</i>
2015	271	<i>Gmelina asiatica</i>
2016	272	<i>Tamarindus indicus</i>
2017	273	<i>Peltophorum ferrugineum</i>
2018	274	<i>Cassia nodosa</i>
2019	275	<i>Xiphiidium coeruleum</i>
2020	276	<i>Delonix regia</i>
2021	277	<i>Mimosa pudica</i>
2022	278	<i>Quisqualis</i>
2023	279	<i>Jasminum pubescens</i>
2024	280	<i>Mussaenda philippica</i>

2020	seed pods	} 289
2011	lvs + twigs	
2021	fls - fresh	

2025 lvs + twigs

2026

## Book 2.

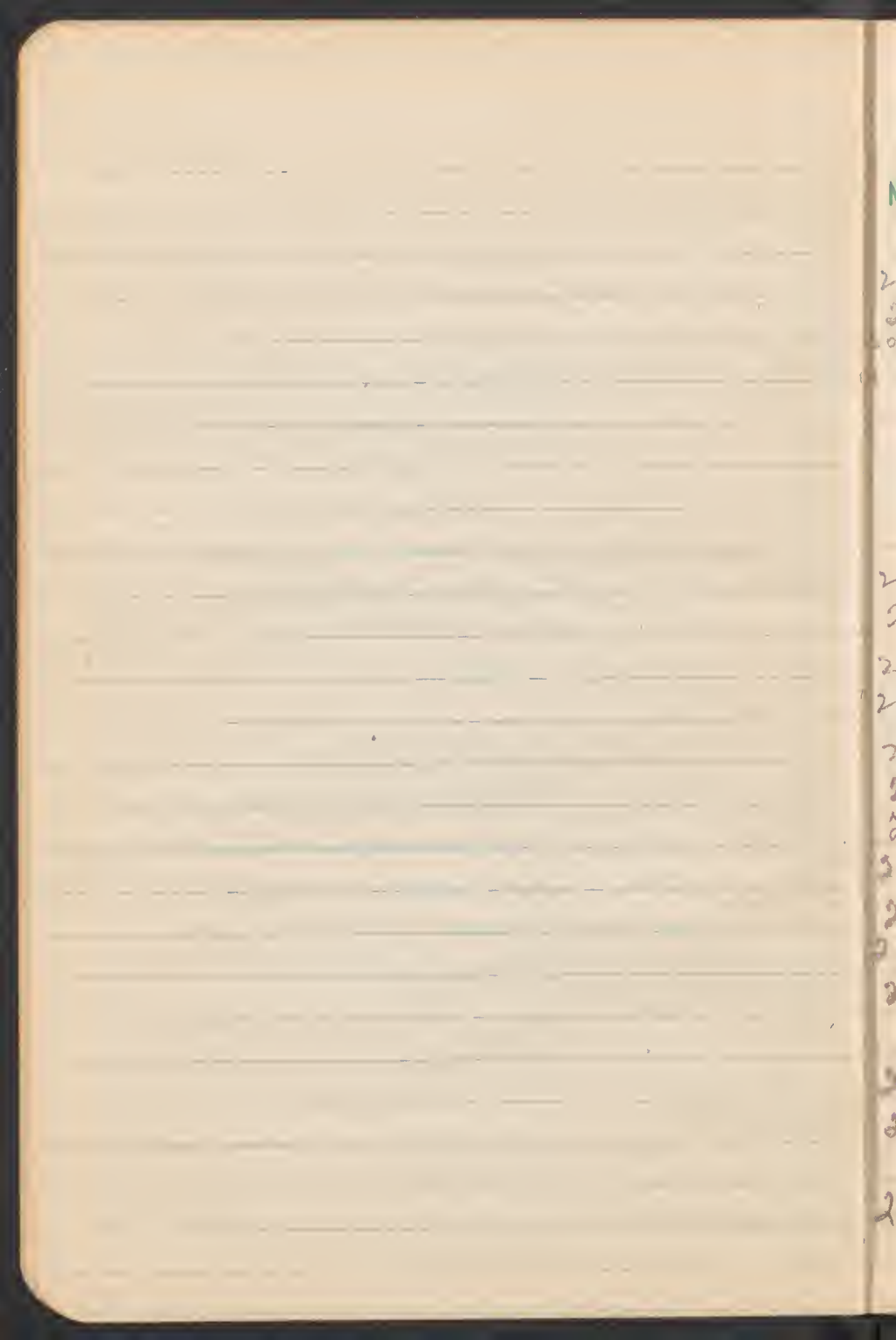
N. n°	1365. n°		
2058	281	Mussaenda erythrophylla	
2016	282	Lanugia latifolia	
2034	283	Calycophyllum	
2033	284	Cassia excelsa?	
2015	285		
2053	286	Gardenia	
	287		
2031	288	Barcruisia coccinea	
2020	289	Inga laurina	
2011	290	Indigofera sp.	
2004	291	Reschynomene	+ +
2061 ✓	292	Crotalaria	
2019 ✓	293	Crotalaria	
2007	294	Hamelia?	
2005 ✓	295		
2009	296	Sanchezia	
2059	297	Hernandia sonora	+++ +++
2073 ✓	298	Rajania cordata	
	299		
2043	300		++ +++
2040	301	Laugeria	+ +
2048 ✓	302	Paratheris serrulata (Sw.) Mez	det LBS.
2063 ✓	303	Tupa	++ +++
2052 ✓	304	Crotalaria	
2041 ✓	305	Cassia	
2046			
2050 ✓			
2047 ✓			
2049			

2006 lvs + twigs fresh green } 309  
~~2007 " " " dry }~~



## Book 3.

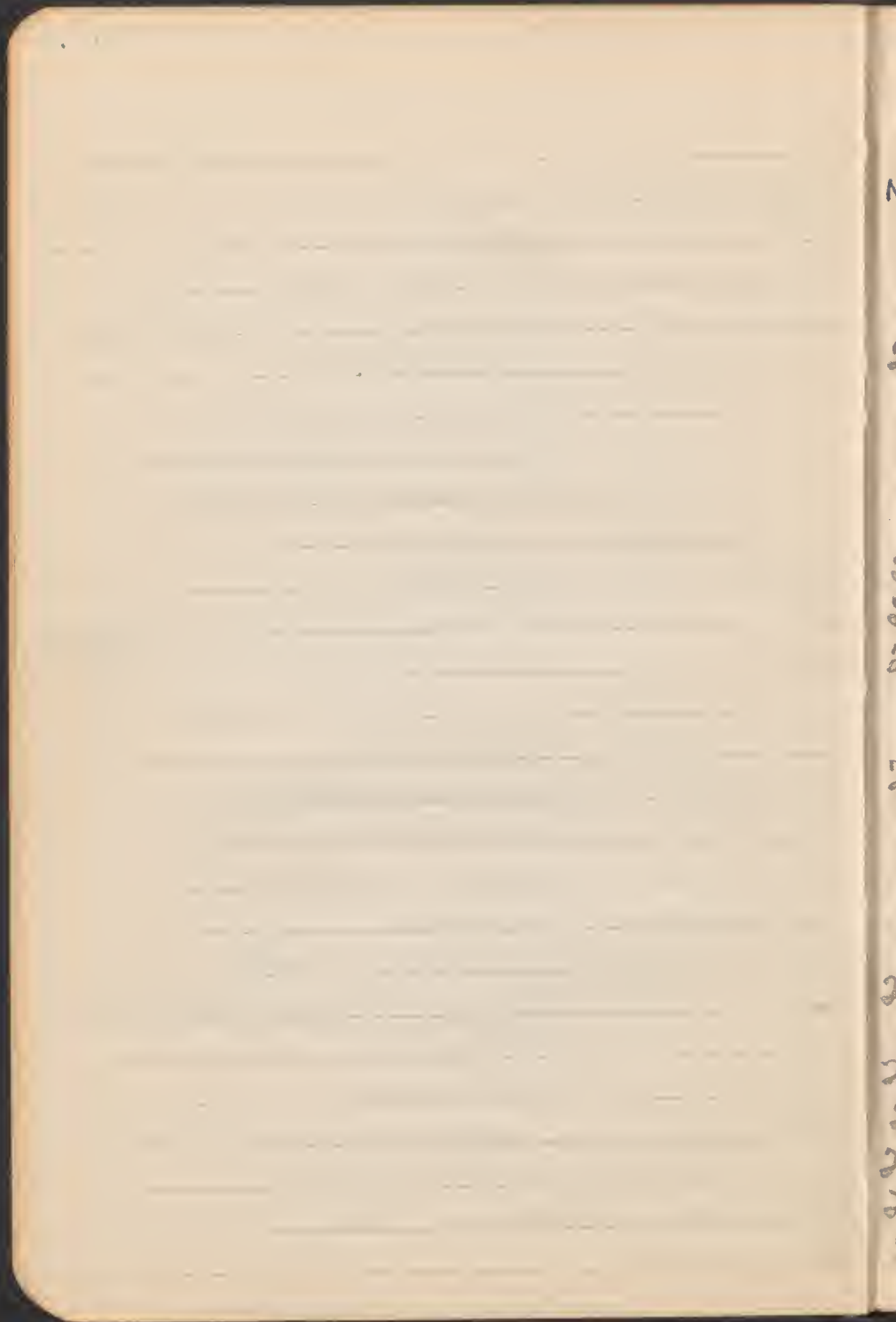
N. no.	BGS. no.			
2051 ✓	306		++	+
2074 ✓	307	Cassia	+++	+++
2076	308			
<del>2006</del> 2006	309	Plumieria		
	310	<del>Petitia</del> <del>Cordia</del> domingensis Jacq.		det LBS.
2071	311	Chiococca		
2072 ✓	312		+	-
2066	313			
2036	314	Mucuna sloanei		
2067	315	Columnnea tulae Urb.		det LBS.
2068	316	Rondeletia		
2070	317			
2057 ✓	318	Ocotea leucophylon	+++	+++
2089	319	Stahlia monosperma		
2090	320	Dromedium scorpiurus		
2098	321	Crotalaria stipularia Desv.		det R.S. Cowan
	322	Rytidix granularis		
2088 2094	323	Cassia grandis		
2084 2091	324	Genipa		
	325	Dromedium barbatum		
2085 2093	326	Psychotria		
2096 2097	327	Piscidia?		
2087	328	Andira		
2095	329	Pentarraphia albiflora		
2092	330	Dolichodus		





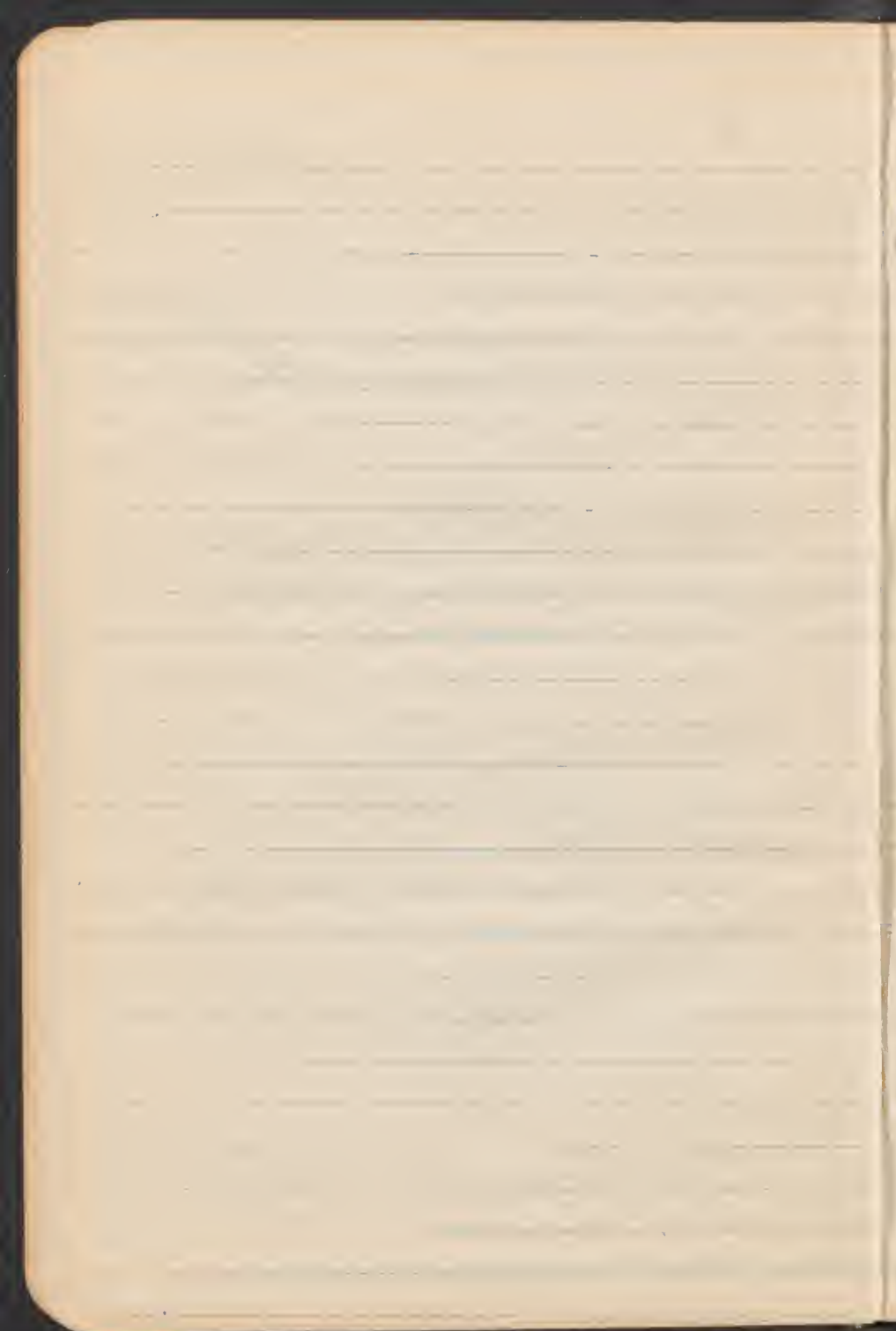
## Book 4.

N. no	BGS. no		
2086	331	Galactia	
2081v	332	Atomosia carinata	++ +++
2088	333	Curculigo ocoroneraefolia	
2079v 2080v	334	<del>Curculigo</del> <i>Curculigo</i> <i>frugii</i>	+++ +++
	335	Peperomia	
	336	Lasiacis	
	337	Panicum glutinosum	
	338	Polygala paniculata	
	339		
2082v	340	Sabinea	++ +
2078	341	Furcraea tuberosa	
2085	342	Tournefortia <sup>See letter of LBS 10/1/62</sup> <i>hirsutissima</i>	
2077v	343		++ +
2081v	344	Buchenavia	++ +
2099/2104	345	Morinda citrifolia	
2101/2105	346	Gardenia grandiflora	
2106/2108	347	Grewia asiatica	
2103/2102	348	Verbesina lindenii	
2110	349	Lycoseris crocata	+++ +++
2109	350	Takernaemontana citrifolia	
	351	Galactia	
2113	352	Calliandra	
2075	353	Isotoma longiflora	++ +++
	354	Ochrosia buovei	
2112	355	Tecoma stans	++ +++



## Book 5.

N. no	BGS. no	
	356	<i>Polyalthea suberosa</i>
	357	<i>Mimusops</i>
	358	<del><i>Cinnosia</i></del> <sup>(Sapind)</sup> <i>Cupania americana</i> <sup>see letter of LBS 10.11.62</sup>
2111	359	<i>Phlebotaenia corvelli</i> ++ +
	360	
	361	<i>Lanuzia</i>
	362	<i>Indigofera</i>
	363	<i>Tillandsia usneoides</i>
2127	364	<i>Exostemma caribaea</i>
2116	365	<i>Psychotria</i>
2115	366	<i>Coccoloba</i>
	367	
	368	Gram. - hb. spec. only
2119	369	<i>Batis?</i> - +
	370	Gram. - hb. spec. only
	371	Gram. - hb. spec. only
	372	<i>Duranta repens</i> L. det LBS.
	373	<i>Cracca</i>
2126	374	<i>Rauwolfia lamarckii</i> +++ +++
	375	<i>Crotalaria</i>
2123	376	det LBS. + +
2122	377	<i>Sesuvium portulacastrum</i> L.
2124	378	<i>Scaevola plumieri</i> (L.) Vahl det LBS.
2121	379	<i>Guilandina crista</i>
2114	380	<i>Calotropis procera</i>



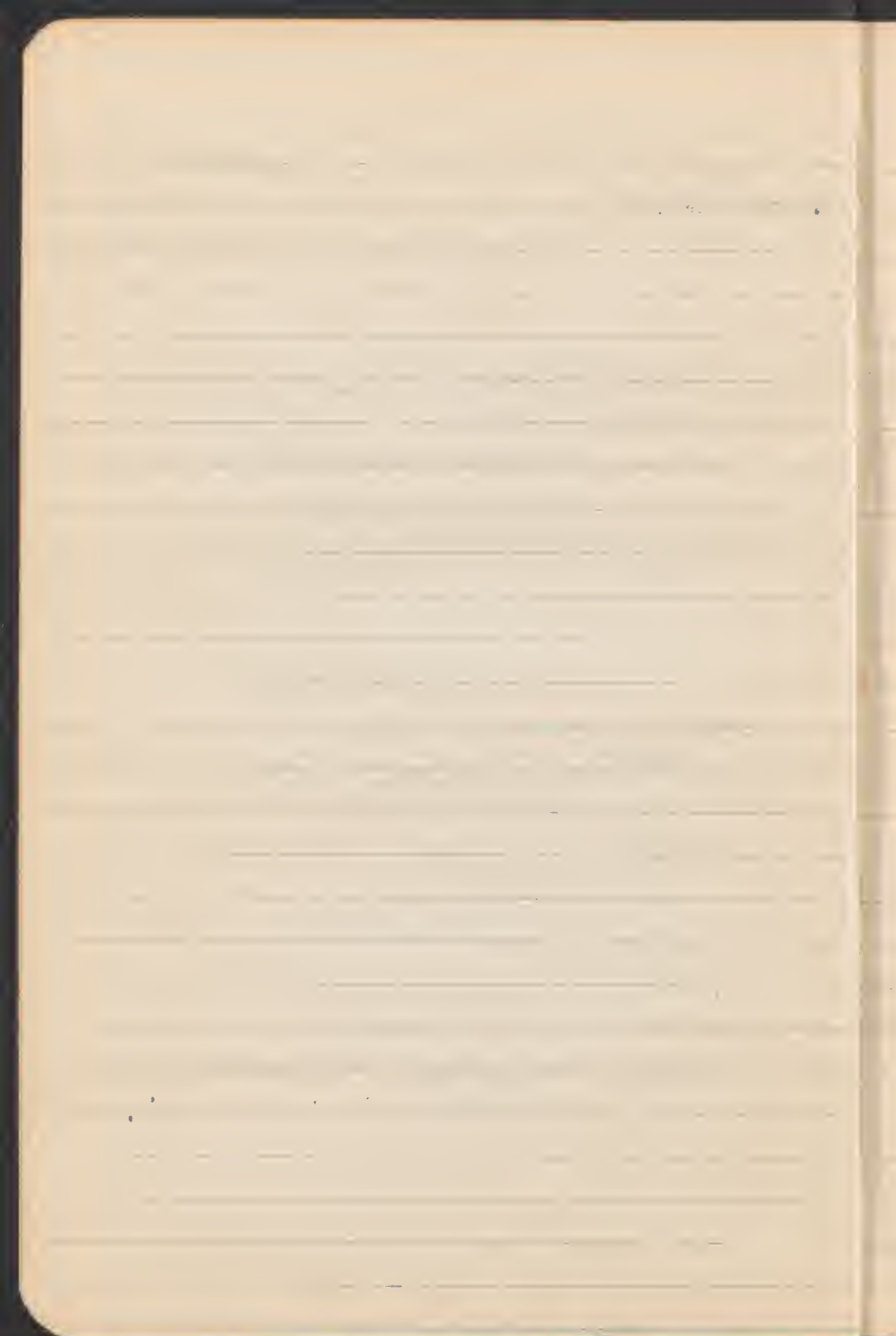
## Boote 6

N. n°	BGS. n°		
2128	381	<i>Guettarda krugii</i> Urb.	det LBS.
2125	382	<i>Plumeria</i>	
	383	<i>Mucuna</i>	
2118	384	<i>Cactus</i>	
2120	385	"	
	386	"	
2117	387	<i>Lucaena glauca</i>	
	388	<i>Begonia</i>	
	389	Fern - hb. spec. only	
	390		
	391	Gram. - hb. spec. only	
	392	Gram. - hb. spec. only	
	393	<i>Caloplectus ambiguus</i> Urb.	det LBS.
	394	Gram. - hb. spec. only	
	395	<i>Marcgravia sintenisii</i>	det LBS.
	396	<i>Daphnopsis philipiana</i> Krug + Urb.	
	397	<i>Tupa</i>	
	398		
	399		
	400		
	401		
	402		
	403		
	404		

1884

## Book 7

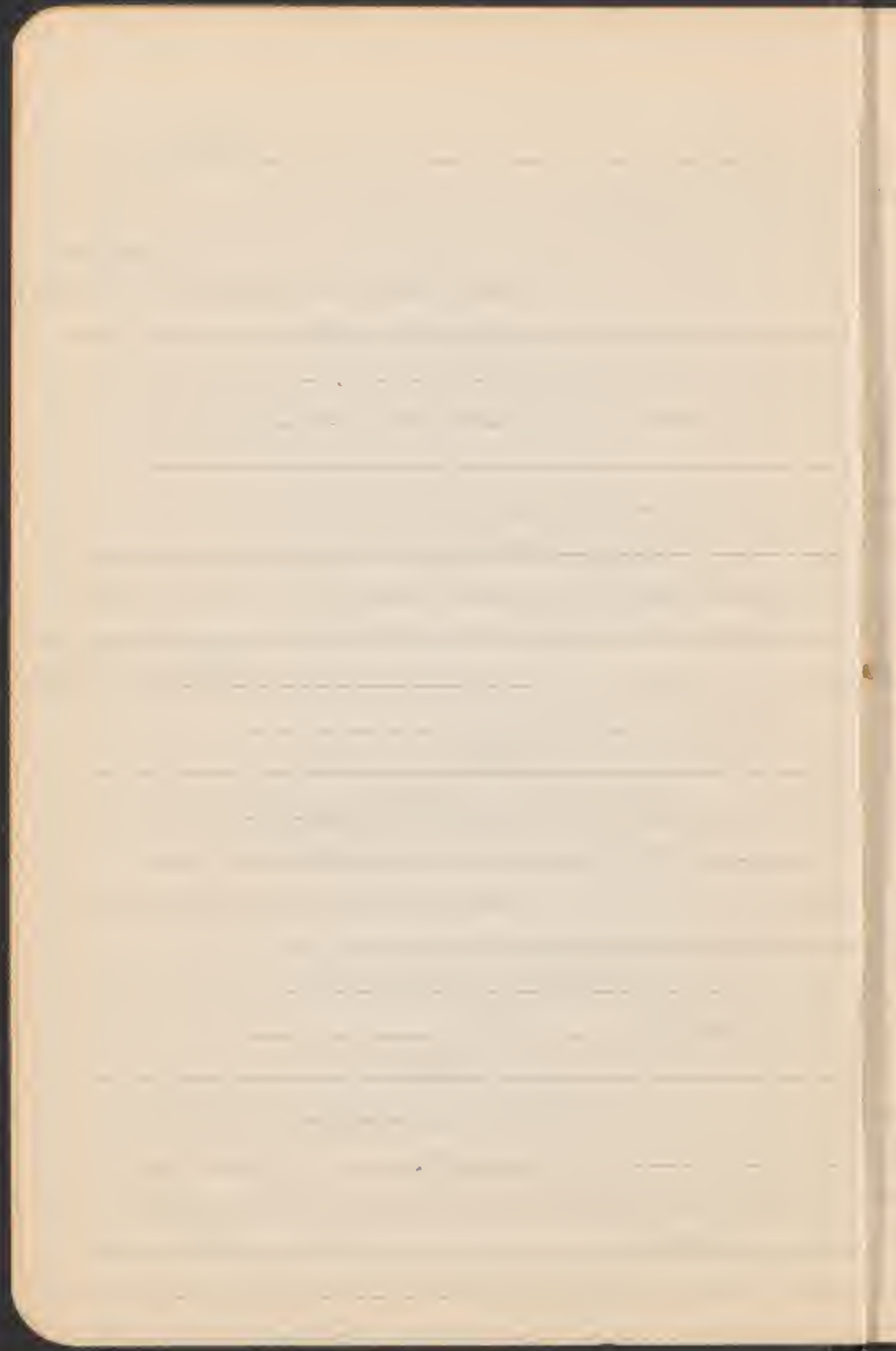
N. no.	BGS no.	
	405	<i>Sapium</i>
	406	
	407	
	408	Fern - hb. spec. only
	409	<i>Isotoma longiflora</i>
	410	<i>Centella asiatica</i> (L.) Hrb.
	411	hb. spec. only
	412	hb. spec. only
	413	
	414	<i>Hillia parasitica</i>
	415	<i>Marcgravia sintenisii</i>
	416	
	417	
	418	<i>Tupa</i>
	419	
	420	<i>Hamelia</i>
	421	<i>Aeschynomene</i>
	422	
	423	
	424	<i>Molinieria hortensis</i>
	425	<i>Begonia</i>





## Book 8

N. no.	BGS. no.	
	426	<i>Passiflora</i>
	427	<i>Bryophyllum</i> <sup>det. BGS.</sup> <i>pinnatum</i> (Lam.) Kurz
	428	<i>Eupatorium</i>
	429	<i>Eupatorium</i>
	430	<i>Chorodendron</i> <i>fragrans</i>
	431	<i>Eupatorium</i>
	432	
	433	<i>Urera</i>
	434	
	435	
	436	<sup>det. LBS</sup> <i>Phytolacca</i> <i>rivinoides</i> Kunth + Bouché
	437	<i>Rajania</i>
	438	<i>Tupa</i>
	439	<i>Desmodium</i> <i>capillare</i> , var.
	440	
	441	
	442	<i>Bocconia</i>
	443	<i>Alternanthera</i>
	444	
	445	<i>Tecoma</i> <i>stans</i>
	446	<i>Cestrum</i> <i>laurifolium</i> L'Herit.
	447	<i>Cestrum</i>
	448	
	449	



Book 9

N. no

BGS no

450

451

452

453

454

455

456

457

458

*Chiococca?*

459

460

*Barbieria pinnata*

461

462

463

*Datura*

464

*Cassia chamaecrista* L. det. P. S. Lowry

465

466

467

468

469

470

*Eupatorium*

471

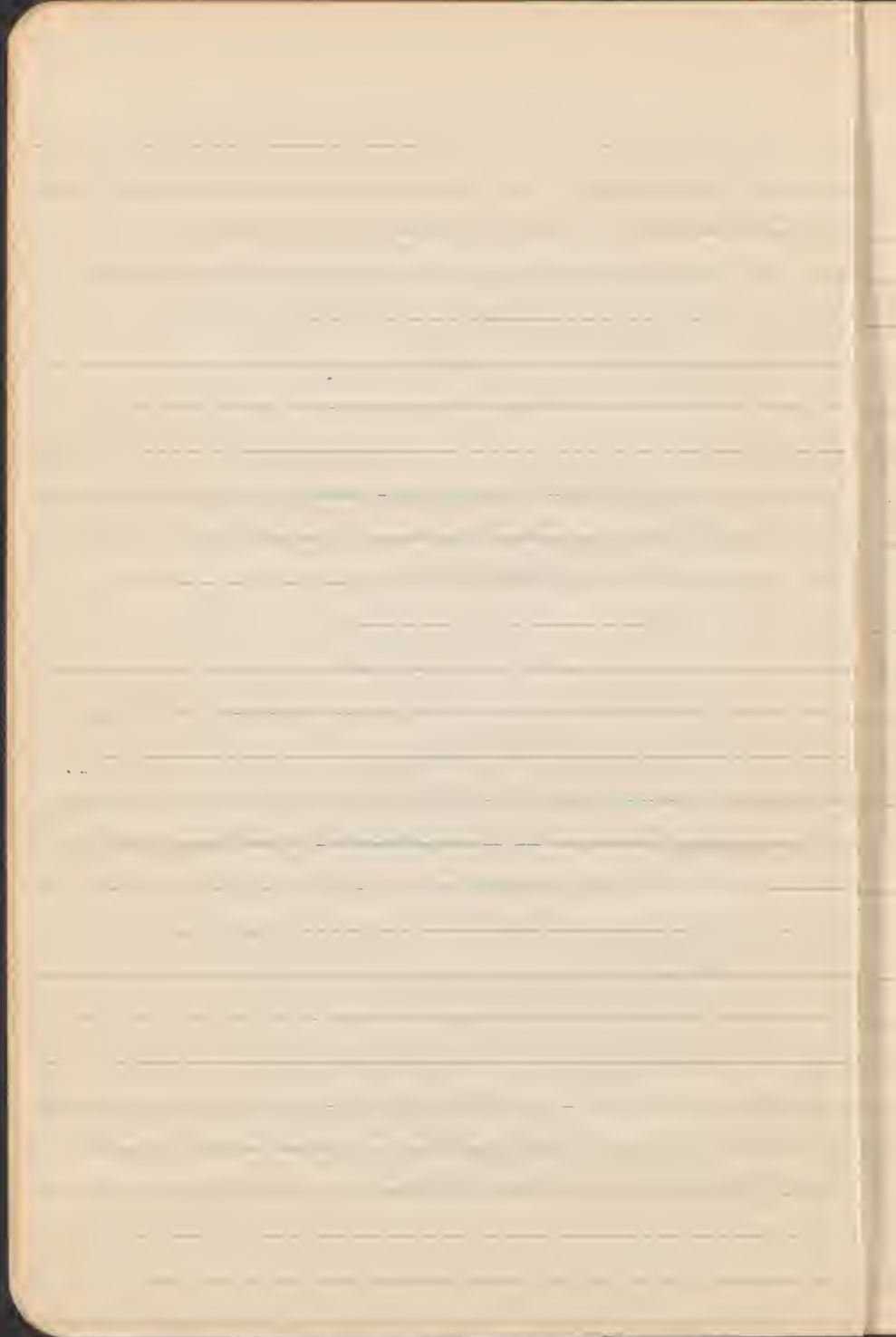
*Rajania*

334a

*Ormosia*

472

473



Book 10

N n°	BGS n°	
	474	
	475	
	476	
	477	
	297a	<i>Hernandia sonora</i>
	334a	<i>Ormosia Kruegi</i>
	301a	<i>Laugeria resinosa</i>
	478	<i>Liphamos aphylla</i>
	479	<i>Liphamos portoricensis</i>
	480	
	481	
	482	
	483	<i>Metastelma lineare?</i> <small>det. <del>Wagner</del> LBS.</small>
	484	<i>Psychotria grosourdyana</i> (Baill.) (Herb.)
	307a	<i>Cassia</i>
	485	
	486	
	487	
	488	<i>Desmodium barbatum</i>
	334a	<i>Ormosia Kruegi</i>
	463a	<i>Datura metel</i>
	489	<i>Desmodium neomexicanum</i>
	490	<i>Reschynomene</i>
	491	

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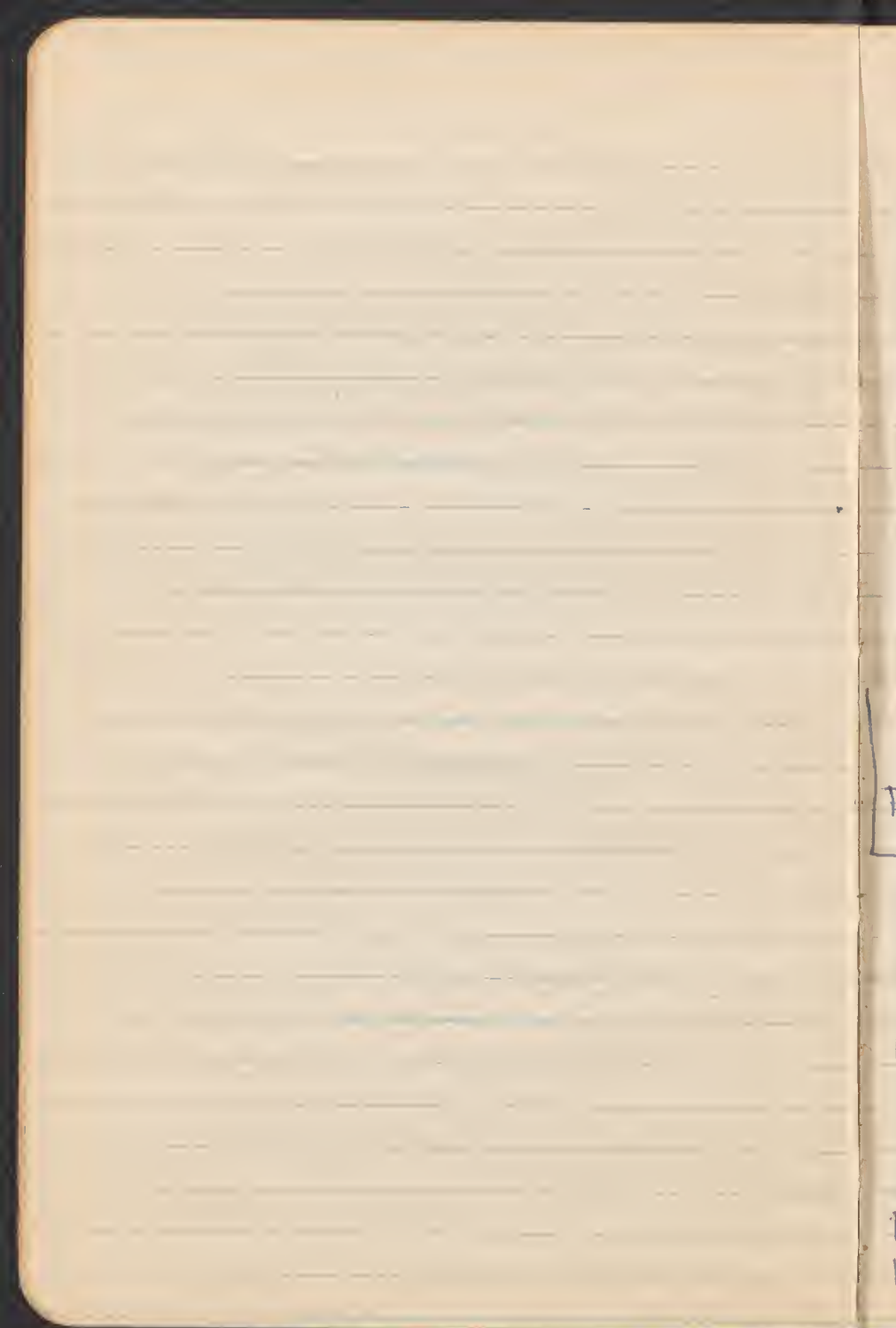
\_\_\_\_\_

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## BOOK II.

N <sup>o</sup>	BGS n <sup>o</sup>	
	492	<i>Zornia bi flora</i>
	493	<i>Grevillea</i>
	258a	<i>Piptadenia peregrina</i>
		<i>Trema micrantha</i>
		<i>Trema lamarckiana</i>
	494	<i>Desmodium tri florum</i>
	307b	<i>Cassia</i>
	498	<i>Cassipourea alba</i> Griseb. <span style="float: right;">det ECH</span>





## Panama

## Book 1

N m/ #501	BGS	
	600	Dioscorea <del>sp.</del> mexicana Guillem.
	601	Dioscorea <del>sp.</del> urophylla Hemsl
	602	Ormosia panamensis
	603	
	604	
	605	"Sarsaparilla"
	606	
	607	Desmodium <sup>acutefolium</sup> axillare var.
	608	Byrsonima sp.
	609	Ixora sp.?
	610	Lantana sp.
	611	
	612	<del>Psychotria?</del> <del>Posoqueria?</del> ?
	613	<del>Gramineae</del> Pharus latifolius
	614	Begonia <del>sp.</del> multinervia
	615	Myrtaceae
	616	Mimosa? sp.
	617	<del>Legum.</del> Mimosa sp.
	618	<del>Compositae</del> Bascharris <sup>guianensis</sup> var <sup>relexioides</sup>
	619	Araceae
	620	Piper aduncum
	621	Croton sp.
	622	<del>Myrt.</del> Eugenia jambos
	623	Boraginaceae
	624	Solanaceae

Hb. spec. only

Panama C.Z. ↑

Costa Rica

↓

Panama

1201

1202

1203

1204

1205

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1210

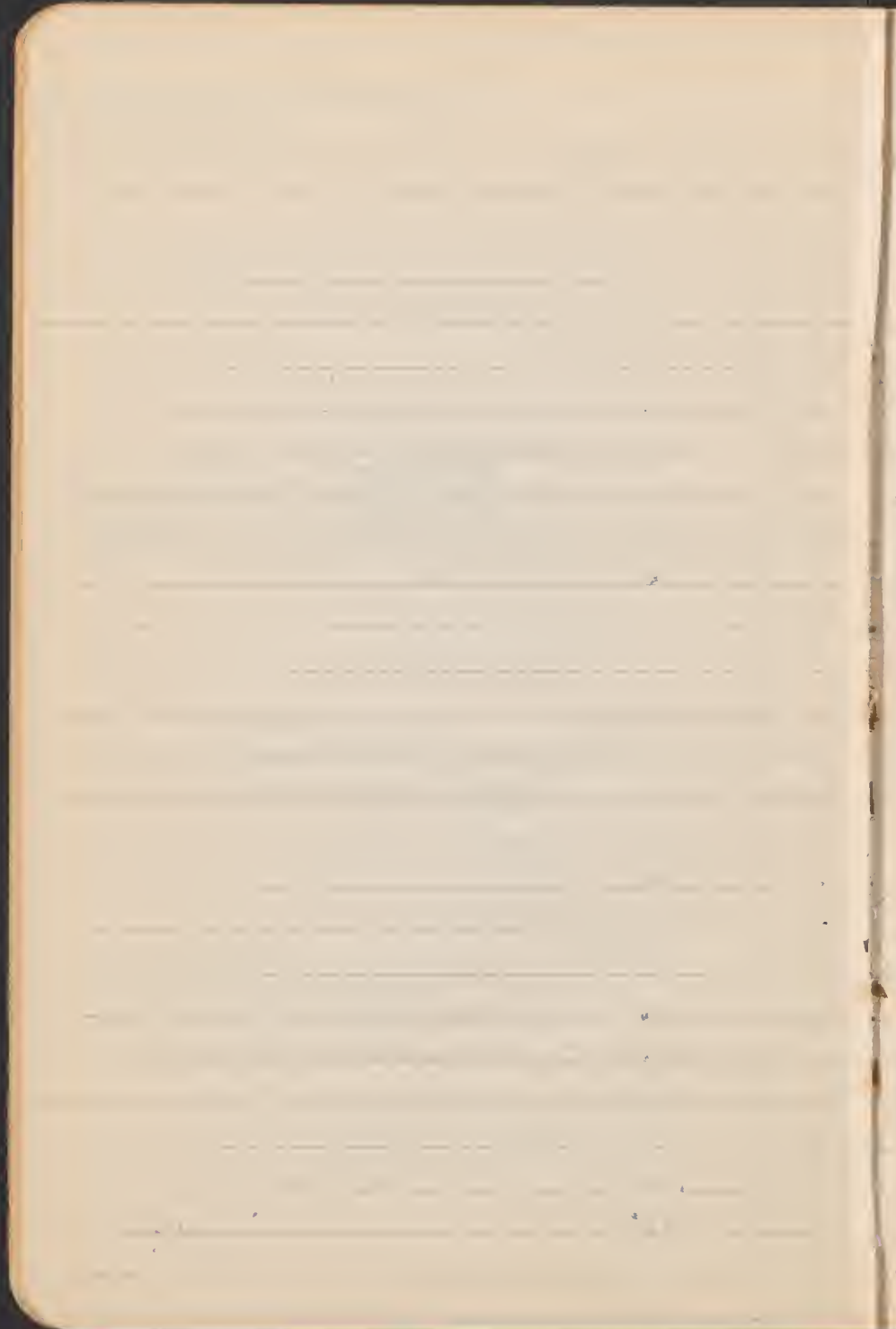


N m <sup>9</sup>	BGS m <sup>7</sup>	BK <sup>2</sup> ↓
1211	625	Picramnia sp.
1212	626	Picramnia sp.
1213 <sup>Pos<sub>1</sub></sup>	627	Nectandra perubia Lundell
1214 <sup>Pos<sub>1</sub></sup> ++	628	
1215	629	Begonia carpinifolia Liebm
1216	630	Ramunculus sp.
1217 <sup>Pos</sup> +	631	
1218	632	Rubiaceae
1219	633	Begonia sp. involucreta Liebm
1220	634	Solanaceae
1221	635	Fuchsia arborea
1222	636	Piper sp.
	637	Begonia (Casparya) <sup>Hb spec only</sup> urticae L. f.
1223	638	Solanum
1224	639	Cuphea sp.?
1225	640	<del>Compositae</del> Galinsoga urticaefolia monochaetum macrantherum
1226	641	Fuchsia <del>Melastomataceae</del>
1227	642	Cavendishia cf. costaricensis Hoerold
1228	643	
1229	644	Hydrocotyle?
	645	Begonia <sup>ndisylvestris</sup> <del>Hb. spec. only</del> C. DC.
1230	646	Viola sp.
1231	647	Rubus sp.
1232	648	↑ Fuchsia microphylla
1233	649	<sup>BK<sup>2</sup></sup> Rubus glaucus
1234	650	<sup>BK<sup>3</sup></sup> Solanum

6550

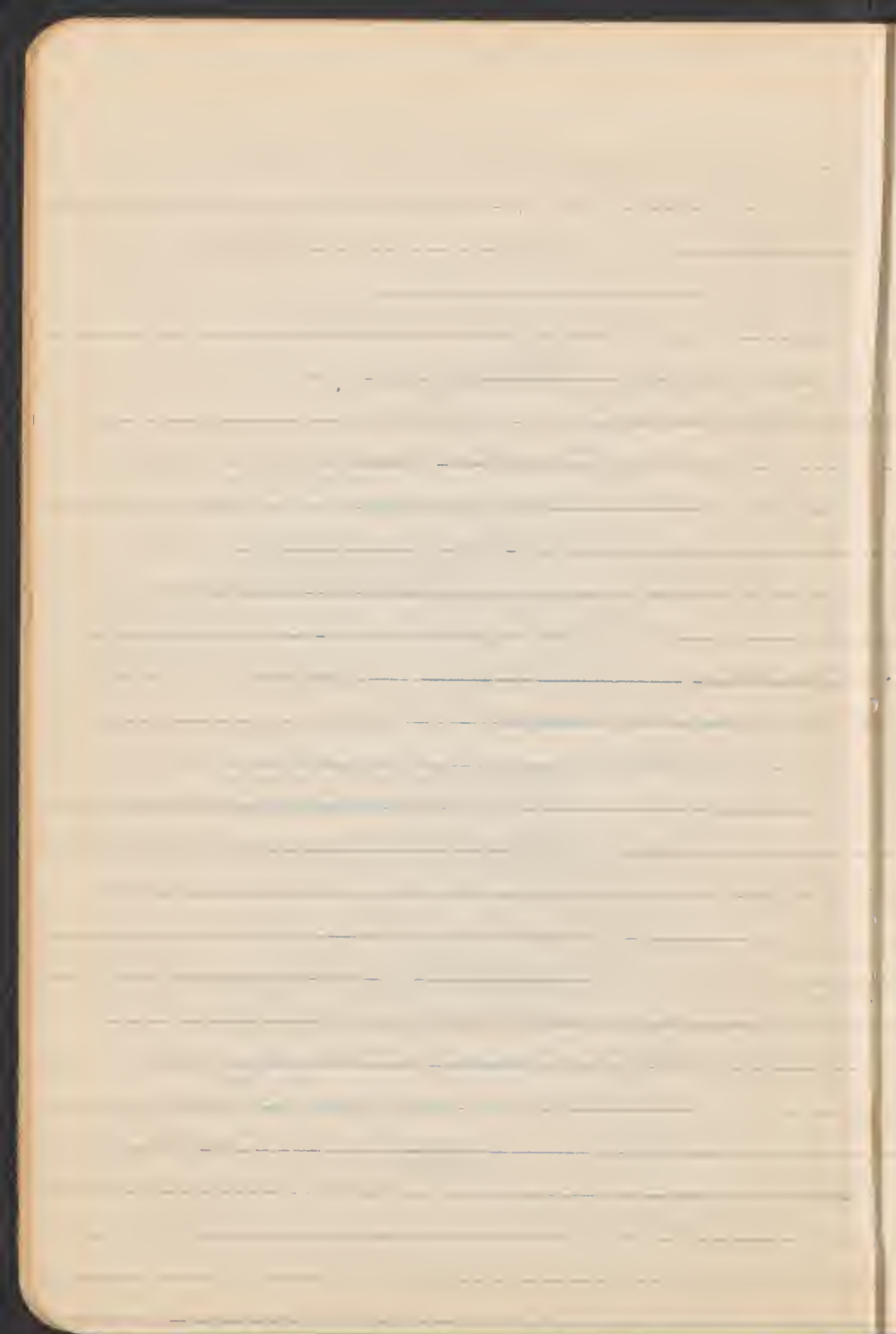
652. *Conostegia xalapensis* (Bompl.) DC.  
det Schnell

N no/	BGS no/	BK3 ↓
1235	651	Urena
1236	652	(Melast) <i>Conostegia lanceolata</i> sp.
1237	653	Myrtaceae
1238	654	
1239	655	Spigelia
1240	656	Amaranthaceae
1241	657	<del>Melastomataceae</del> <sup>det Schnell</sup> Miconia <sup>cb.</sup> laevigata
1242	658	<del>Melastomataceae</del> <sup>det Schnell</sup> Miconia <sup>cb.</sup> laevigata (L.) DC.
1243	659	Solanaceae
1244	660	Picramnia
1245	661	Xylosma
1246	662	
1247	663	<sup>+++</sup> <i>Alseodaphne</i> <sup>molle</sup> <del>chirimoya</del>
1248	664	<sup>+++</sup> <i>Griseb.</i> <del>Griseb.</del>
1249	665	<sup>+++</sup> <i>Itaya</i>
1250	666	<i>Psychotria</i> sp.
1251	667	Urticaceae
1252	668	
1253	669	<i>Begonia</i> <sup>soliosa var. miniata</sup> <del>fuchsoides</del> (Planch.) Srs.
	670	<i>Begonia</i> sp. Heydei C. DC.
1254	671	
1255	672	(Apoc) <i>Tonduzia</i>
1256	673	BK3 Leguminosae
1257	674	BK4 ↓
1258	675	
1259	676	





N no/	BGS no/	
1260	677	<i>Cestrum aurantiacum</i>
1261	678	<i>Buddleia</i>
1262	679	<i>Vaccinium consanguineum</i> Kl.
1263	680	<i>Vaccinium</i> "
1264	681	
1265	682	<i>Myrtus?</i>
1266	683	<i>Vaccinium</i> <sup><i>Pernettya coriacea</i> Kl.</sup>
1267	684	<i>Myrtus aertstedii</i>
1268	685	<i>Vaccinium</i> <sup><i>Pernettya coriacea</i> Kl.</sup> <del><i>consanguineum</i></del>
1269	686	<i>Eriostaphylos</i> <sup><i>Saultheria douglasii</i></sup>
1270	687	<i>Bomarea acutifolia</i> (Link + Otto) Herb. <sup>det Baker 3 leaves</sup>
1271	688	<i>umbell</i> <del><i>ver</i></del>
1272	689	<i>Pernettya coriacea</i> Kl.
1273	690	<i>Vaccinium consanguineum</i>
1274	691	<i>Acaena elongata</i> L.
1275	692	<i>Castilleja irasuenis</i> Oert
—	693	<i>Lupinus</i>
—	694	<i>Gram Agrostis tobecensis</i> HBK
—	695	<i>Gram Aira caryophyllea</i> L.
—	696	<i>Desmodium sericophyllum</i>
—	697	<i>Desmodium</i> <sup><i>intatum</i></sup> <del><i>f. fasciculatum</i></del>
—	698	
—	699	<i>Brazonia involucreata</i> Li elm
—	700	<i>Trifolium amabile</i> HBK.



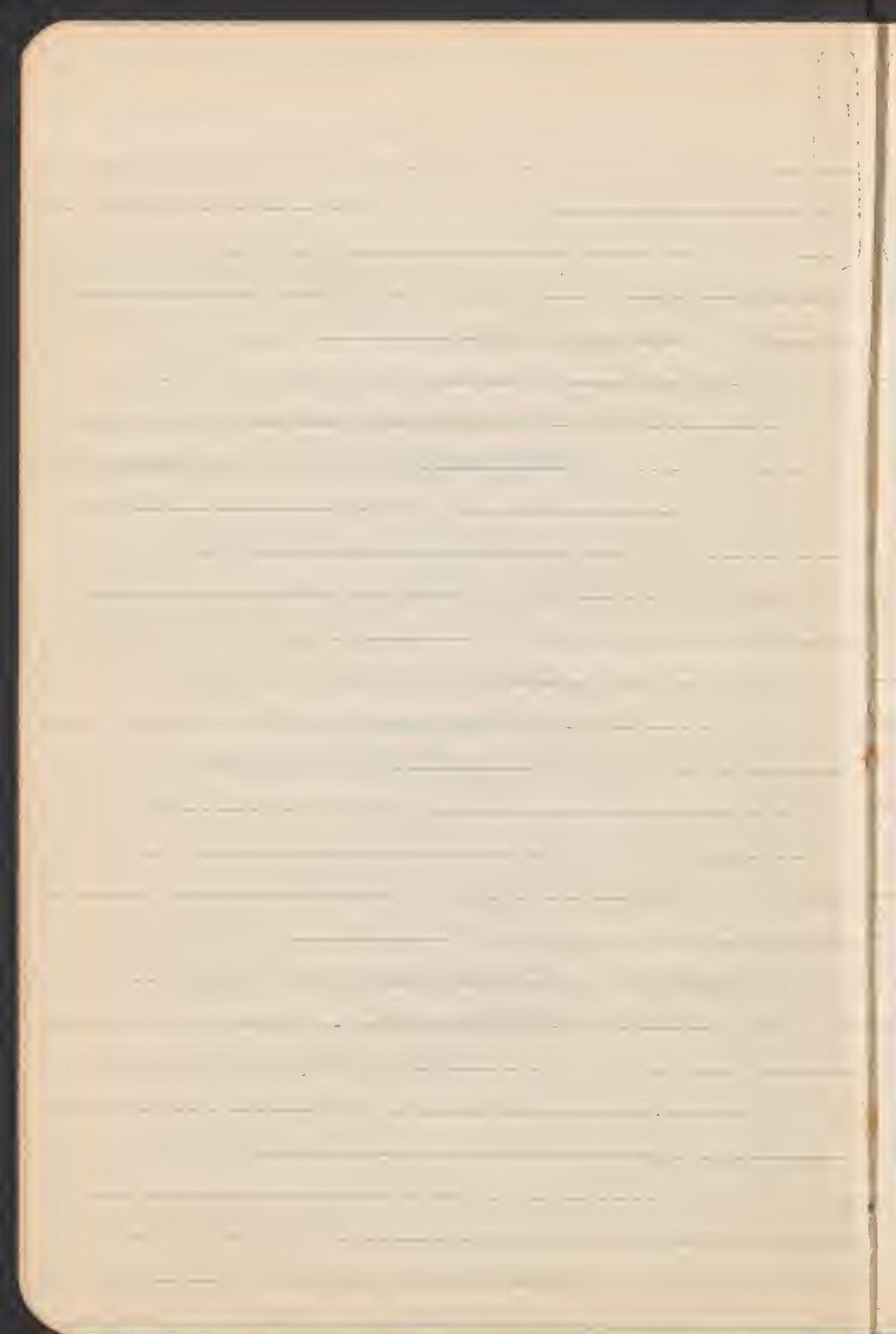
N n°	BGS n°	
1276	701	
1277	702	Solan
1278	703	Lantana
1279	704	Psidium
1280	705	Inga aerstedii
1281	706	Wigandia
1282	707	Solan
—	708	Dioscorea racemosa (K.) Uline
1283	709	Psychotria
—	710	<del>Chusquea</del> <sup>Arthrostylidium</sup> mayoni Hitchc.
—	711	Begonia udisylvestris C. DC.
1284	712	Columnea
—	713	Rubus aff. roseus
1285	714	
—	715	Rubus
1286	716	
1287	717	
—	718	Begonia udisylvestris CBC
—	719	Begonia "
1288	720	Viburnum
1289	721	<del>Satyria</del> Cavendishia sp
1290	722	Vaccinium poaeum D. Sm
1291	723	Gentiana
1292	724	Psychotria
1293	725	Bocconia frutescens L.

incorrectly mod 684 see back of label

" " " " " " "

→ ———→  
← ———←

Nº	BGS nº	
1294	726	Lobelia
1295	727	<del>Miconia</del> <sup>Miconia</sup> <del>pitleri</del> <sup>pitleri</sup> Cogn. det Schnell
1296	728	<del>Miconia</del> <sup>Miconia</sup> <del>melanostictum</del> <sup>melanostictum</sup>
1297	729	<del>Miconia</del> <sup>Miconia</sup> <del>Xanthoxylum</del> <sup>Xanthoxylum</sup> c+s
	730	Carex bonplandii Kunth
1298	731	<del>Vaccinium</del> <sup>Vaccinium</sup> <del>coursiquineum</del> <sup>coursiquineum</sup> KP
1299	732	Pernettya coriacea Lk.
	733	Desmodium axillare v. axillare
	734	Desmodium axillare <sup>acutifolium</sup> var.
	735	Desmodium adscendens (Sw.) D.C.
1300	736	Myrtaceae
1301	737	Psychotria
1302	738	Cephaelis tomentosa
1303	739	Psychotria = 760
1304	740	Psychotria
1305	741	Inga multijuga
1306	742	Psychotria = 743
1307	743	Psychotria = 742
1308	744	Bauhinia
1309	745	Psychotria
1310	746	Flacourtiaceae?
1311	747	Ousia oblanceolata
1312	748	Puruma aspera
1313	749	Hamelia
1314	750	Buchenavia



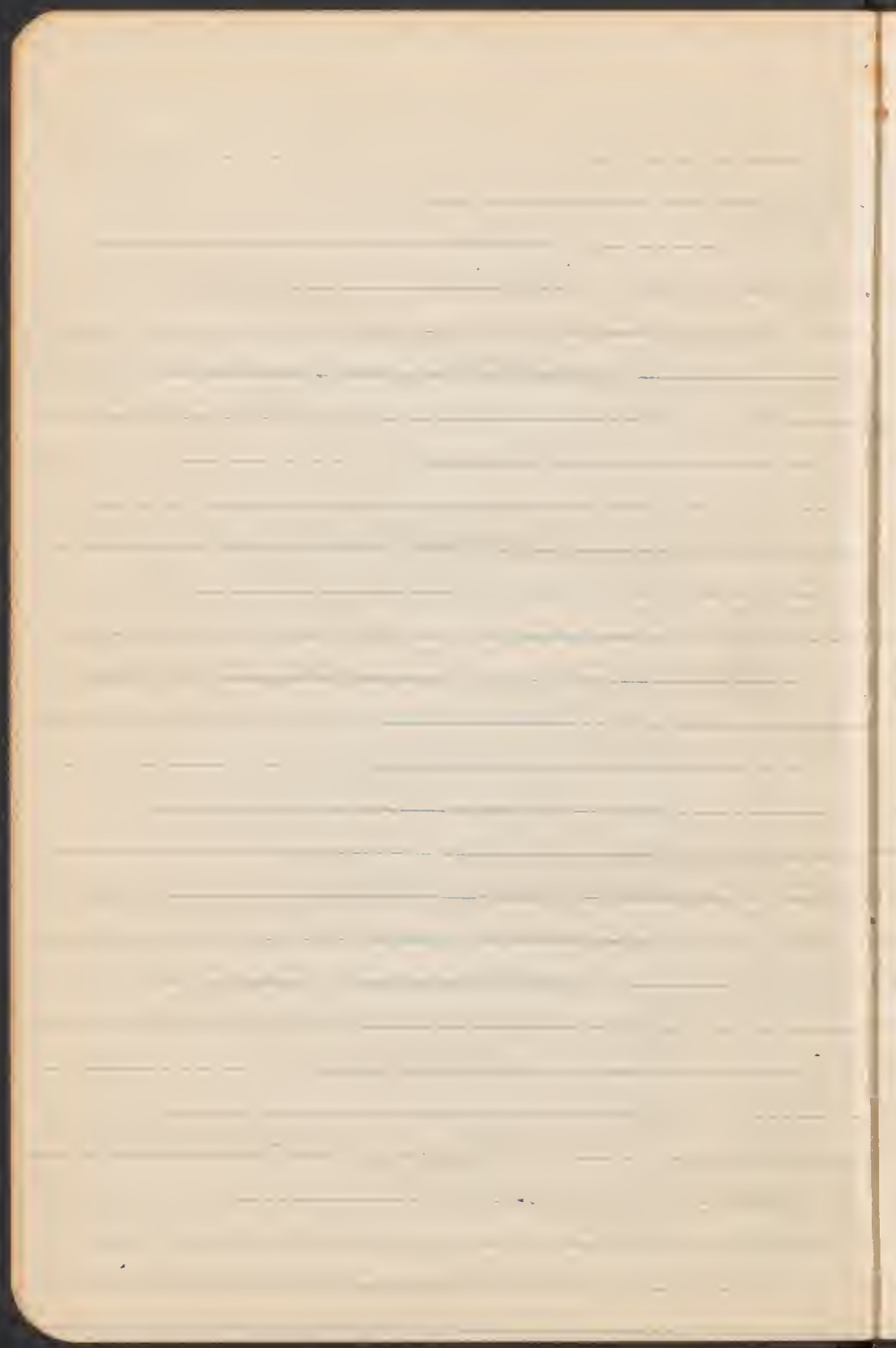


Nº - nº	BGS nº	
1315	751	Croton?
1316	752	Malvaceae
1317	753	Lantana
1318	754	Cephaelis
1319	755	Palicourea
1320	756	Psychotria
1321	757	Myrtaceae
1322	758	Celastraceae (Maytenus?)
1323	759	Cissampelos
1324	760	Psychotria = 739
1325	761	Trema
1326	762	-
1327	763	Rubiaceae?
1328	764	-
1329	765	Heliconia
1330	766	Philodendron
1331	767	-
1332	768	Costus
1333	769	Anthurium
1334	770	Lasiacis Oryza latifolia L.
1335	771	Oratia
1336	772	-
1337	773	Moraceae (Brosimum?)
1338	774	Psychotria
1339	775	

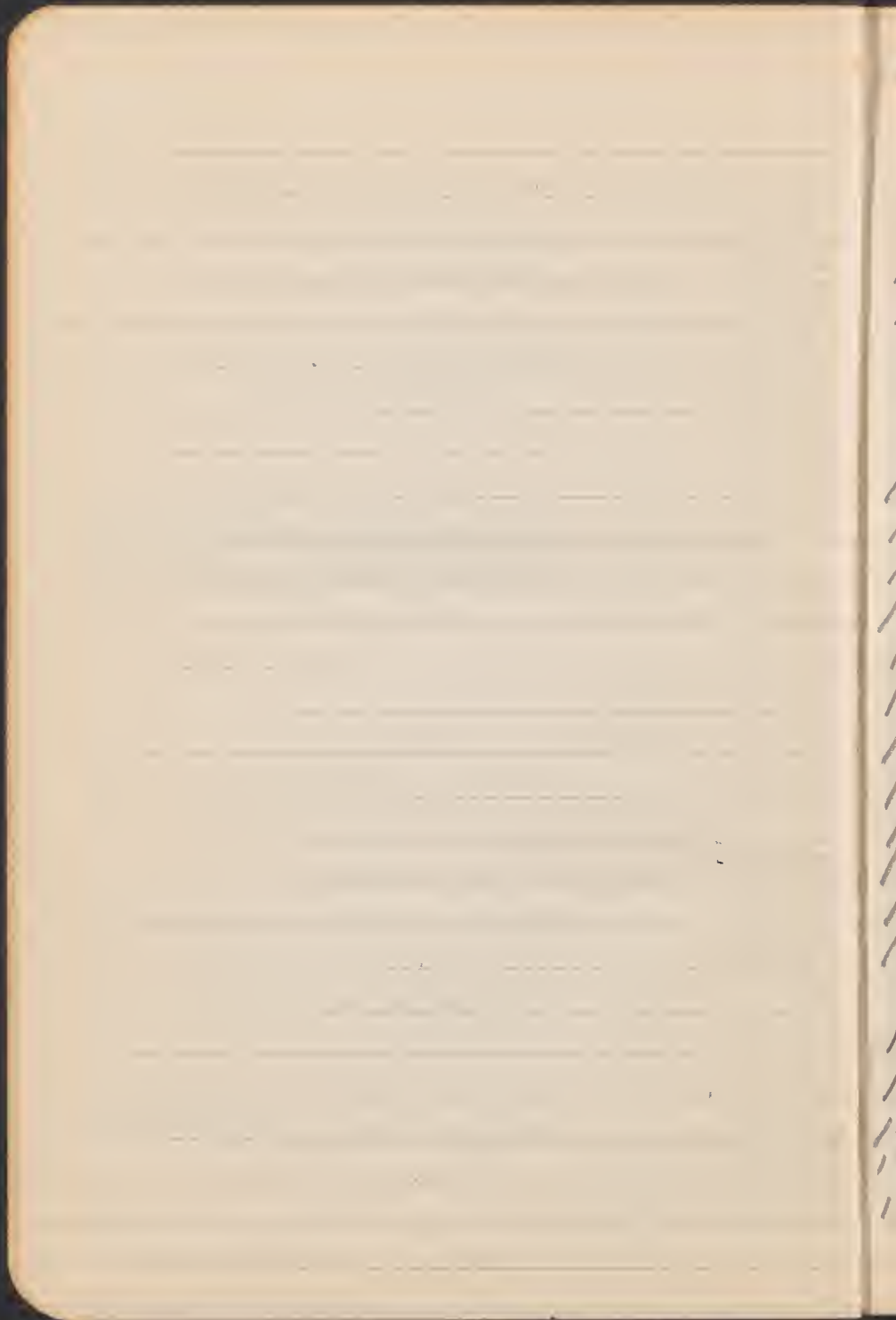




N-no	BGS no	
1340	776	Rutaceae?
1341	777	Viburnum?
1342	778	
—	779	Tillandsia insignis (E. Morr.) Sm. + Pitt.
1343	780	
1344	781	Rubiaceae
1345	782	
1346	783	Compositae Eupatorium <sup>Robins</sup> eximium
1347	784	
1348	785	
1349	786	
—	787	Gentiana
1350	788	Ericaceae?
1351	789	Rubiaceae - Psychotria?
1352	790	Croton
1353	791	Melastomataceae
1354	792	Violaceae
1355	793	Psychotria?
1356	794	"
1357	795	Chusia?
1358	796	"?
1359	797	Guttifera - Khulia edulis?
1360	798	Psychotria
1361	799	
1362	800	Oreopanax



1363	801	Lamiales
1364	802	Lobeliaceae?
1365	803	
1366	804	Pericaria
1367	805	Dendropanax?
1368	806	
1369	807	
1370	808	Eschweilera <sup>(Lecythidaceae)</sup> calyculata Pittier
1371	809	Eschweilera <sup>?</sup> calyculata Pittier
1372	810	
1373	811	
1374	812	
1375	813	
1376	814	
1377	815	
1378	816	Myrsineae
1379	817	Miconia scorpioides (S. + C.) Naud.
1380	818	
—	819	Bromeliaceae <sup>Vriesea</sup> Chontalensis
—	820	Cephaelis
—	821	Begonia lignescens Morton
1381	822	Hesperomeles <sup>heterophylla</sup> obovata.
1382	823	
1383	824	
1	825	Geranium mexicanum?



—	826
—	827
1384	828
1385	829
—	830
—	831
1386	832
1387	833
1388	834
1389	835
1390	836
1391	837
1392	838
1393	839
1394	840
1395	841
1396	842
1397	843
1398	844
—	845
1399	846
1400	847
1401	848
1402	849
1403	850

~~Antennaria~~ <sup>(form)</sup> *Guaphalium roseum*  
*Alchemilla ephanoides* v. *subalpestris*

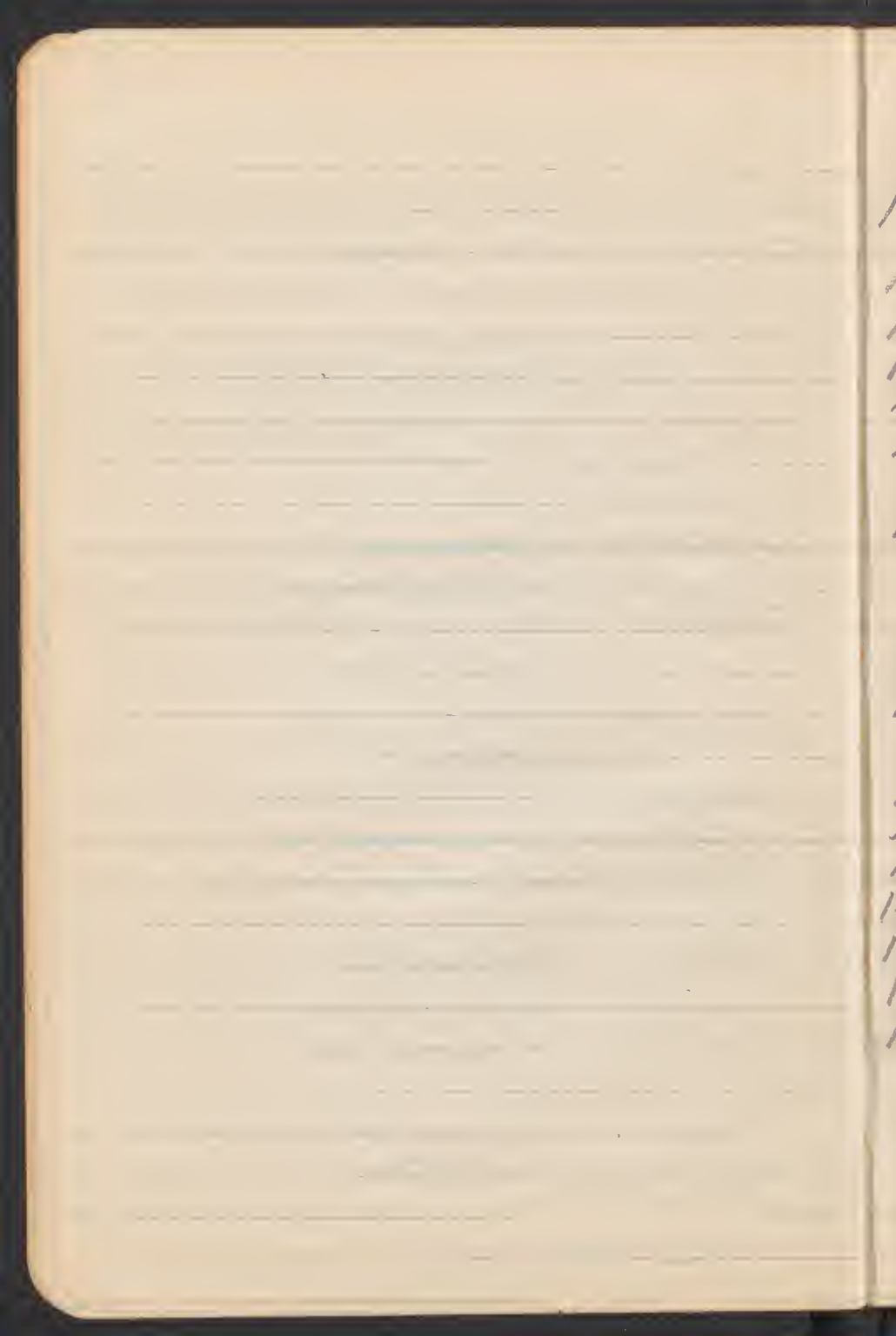
*Begonia glabra* Aubl  
*Desmodium wydlerianum* <sup>var</sup>

*Psychotria*  
*Pithecellobium*  
*Hamelia nodosa* M+G  
*Psychotria*  
*Cuphea*  
*Psychotria*

*Scutellaria*

*Psychotria*  
*Acanthaceae* *Ruellia jussieuoides*  
*Myriocarpa*

*Vernonia bracteata*  
*Spigelia*





1404	851
—	852
1405	853
1406	854
1407	855
1408	856
1409	857
—	858
1410	859
—	860
—	861
1411	862
1412	863
1413	864
1414	865
1415	866
1416	867
1417	868
1418	869
1419	870
1420	871
1421	872
1422	873
1423	874
1424	875

~~Bromel~~ *Buzmanian monostachia*

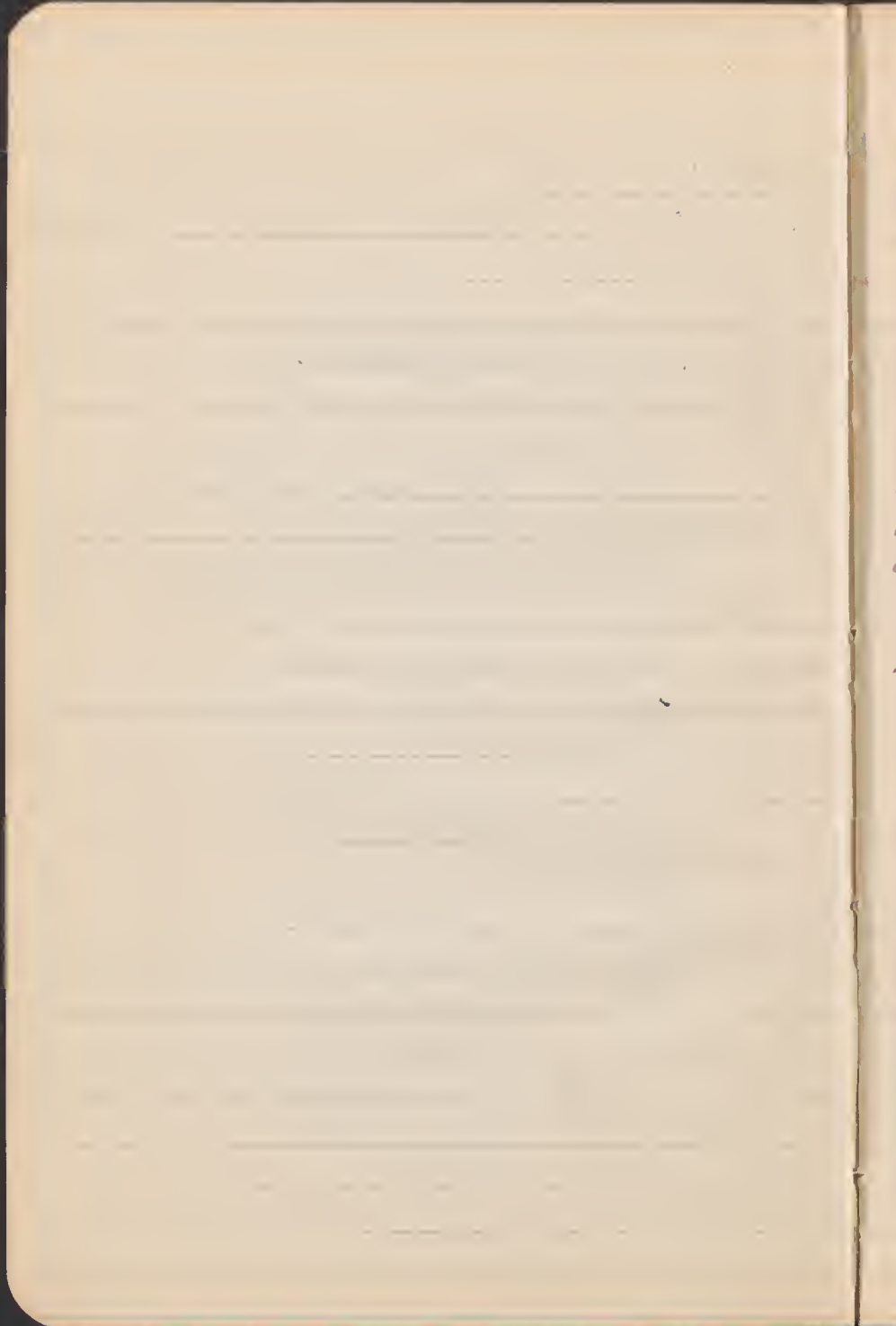
*Zeyheria frutescens*  
~~Compositae~~  
*Gonzalagunia* n.sp.?

*Begonia multinervia*  
*Palicourea*  
*Thunbergia alata* Bojer <sup>det E. Chom-ard</sup>

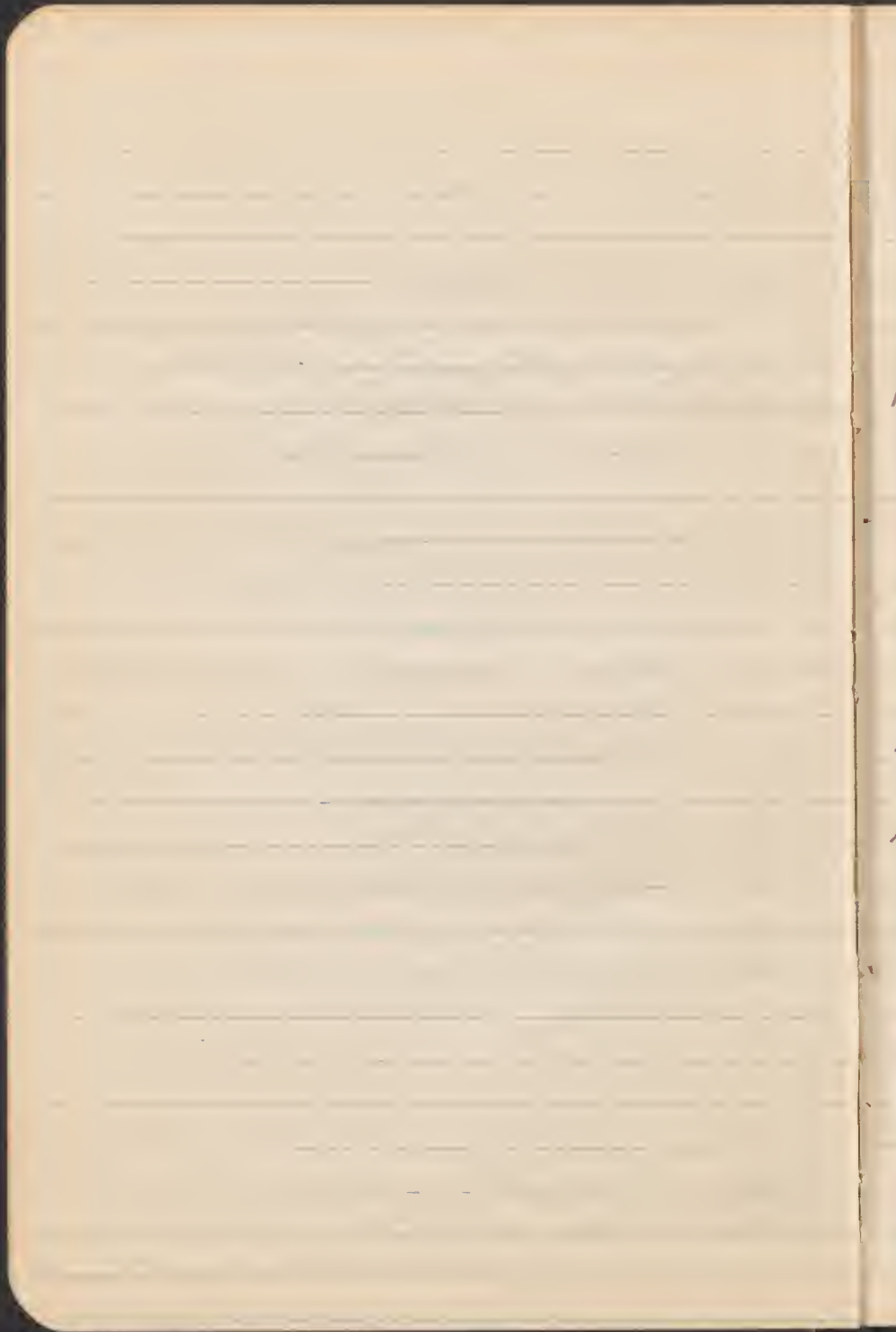
*Hedyosmum*  
*Mollinedia costaricensis* Donnell Sm

*Dorstenia*

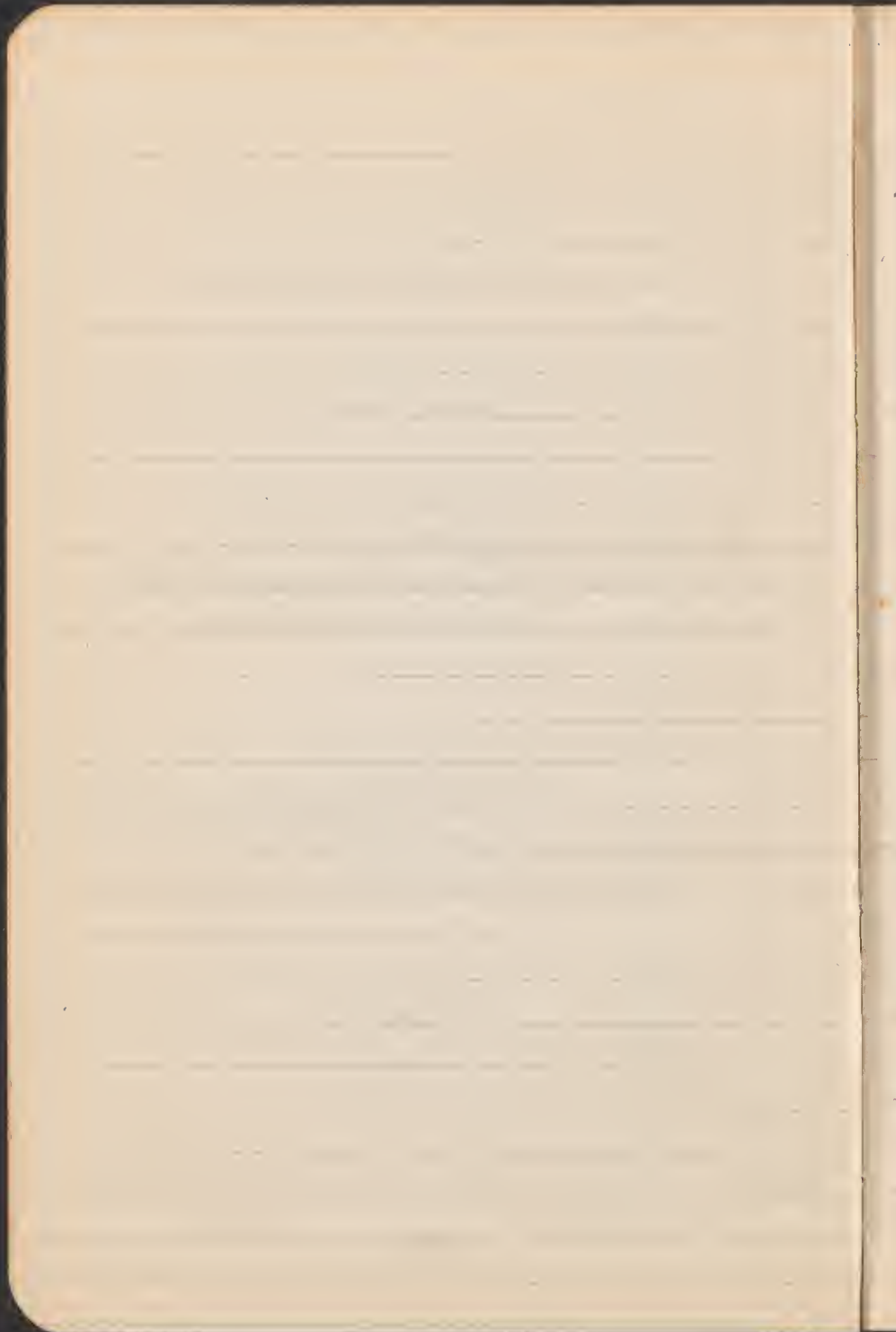
*Rhynchosia*  
~~Rubiaceae~~ <sup>Rusby</sup> *Mendoncia lindavii*  
*Siparuna pauciflora* (Benth) DC.  
*Zanthoxylum elephantiasis*  
~~Palicourea~~ <sup>corium</sup> *Faramea talamanc-*  
*Sapindaceae*  
*Ocotea* sp.  
*Dioclea*



—	876	Hedyosmum
—	877	Begonia estrallensis CBC.
—	878	Fern.
1425	879	Cissampelos
1426	880	Inga
<u>1434</u>	881	Juglandaceae?
	882	Solanaceae
1428	883	Psychotria
1429	884	
1430	885	
—	886	Cephaelis
1431	887	
1432	888	
1433	889	Lauraceae <sup>need spec.</sup> Ocotea dendrocephala <sup>Hay</sup>
1434	890	Casearia
1435	<del>900</del> 891	Allophylus
1436	<del>901</del> 892	Cupania?
1437	<del>902</del> 893	.
1438	<del>903</del> 894	.
1439	<del>904</del> 895	Erythrina costaricensis
1440	<del>9</del> 896	
1441	897	
1442	898	Bignoniaceae
1443	899	"
1444	900	



1445	901	Mimosa?
6	902	Sapium
7	903	Rauwolfia heterophylla
8	904	
9	905	Inga vera
1450	906	Leguminosae
1	907	Cupania
2	908	Annona ++
3	909	Prigmonia
4	910	Lindenia rivalis Benth
5	911	Randia
6	912	Cupania?
7	913	
1455	914	Hamelia patens Jacq
8	915	Zanthoxylum limoncello Planch + Desv
9	916	<del>Zanthoxylum</del> Hymenocallis coubaril L.
1460	917	Guettarda
1	918	
2	919	
3	920	
4	921	Dioscorea
5	922	"
6	923	"
7	924	
1465	925	
8		



1467 926

8 7

9 8

70 9

4 930

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4 3

5 934

6 5

1477 936

8 7

9 8

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80 940

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9

*Ilex pallida* Standl.*Cavendishia costaricensis* Standl.*Vaccinium poaseanum* D. Sm.*Dioscorea**Vaccinium poaseanum* D. Sm.*Drimys granadensis* v. *mexicana* A.D.





Feb. 11, 1956 —

BES

N-no.

Coll. no.

1000

*Tecoma stans*

1001

*Dromedium tortuosum*

1002

*Dromedium* <sup>*scorpiurus*</sup> ~~*tortuosum*~~

1003

*Rapanea*

1004

*Phorbe mexicana*

1005

*Stemmadenia glabra*

1006

*Rapanea*

(Myrt.)

1007

1008

*Visnua*

1009

*Barleria micans* (acanth.) Nees

1010

1011

*Zanthoxylum*

1012

1013

1014

1015

*Blakea cf. anomala* Donn. Sm. (Melast.) <sup>25</sup> ~~26~~ <sup>small</sup>

1016

*Dioscorea*

1017

*Tradescantia*

(Comm.)

1018

*Ichnanthus pallens* (Sw.) Kunze (Agrost.)

1019

1020

*Begonia carpinifolia* Liebm.

1021

*Begonia udisylvestris* C. DC.

1022

*Begonia involucrata* Liebm.

1023

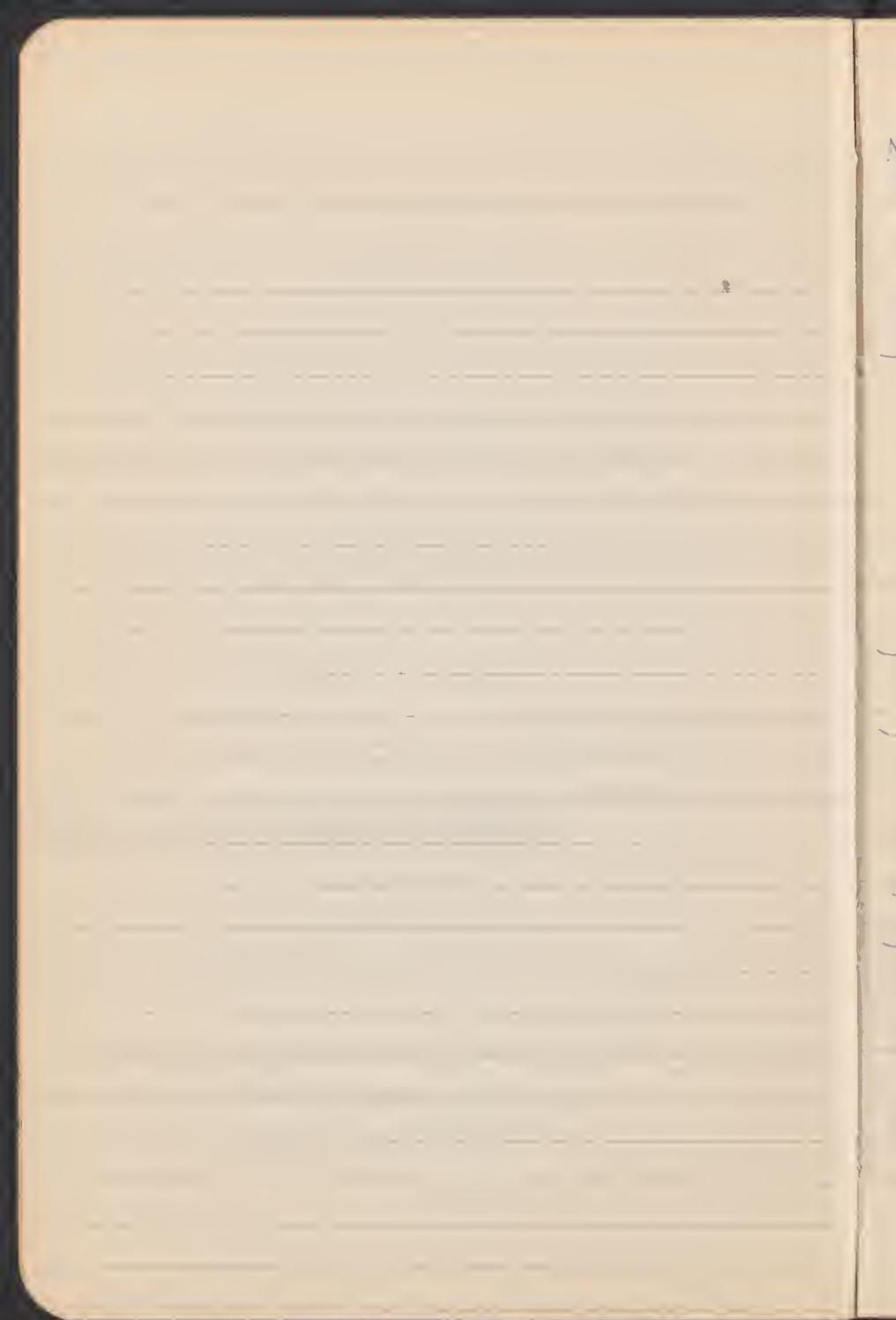
*Begonia involucrata* Liebm.

1024

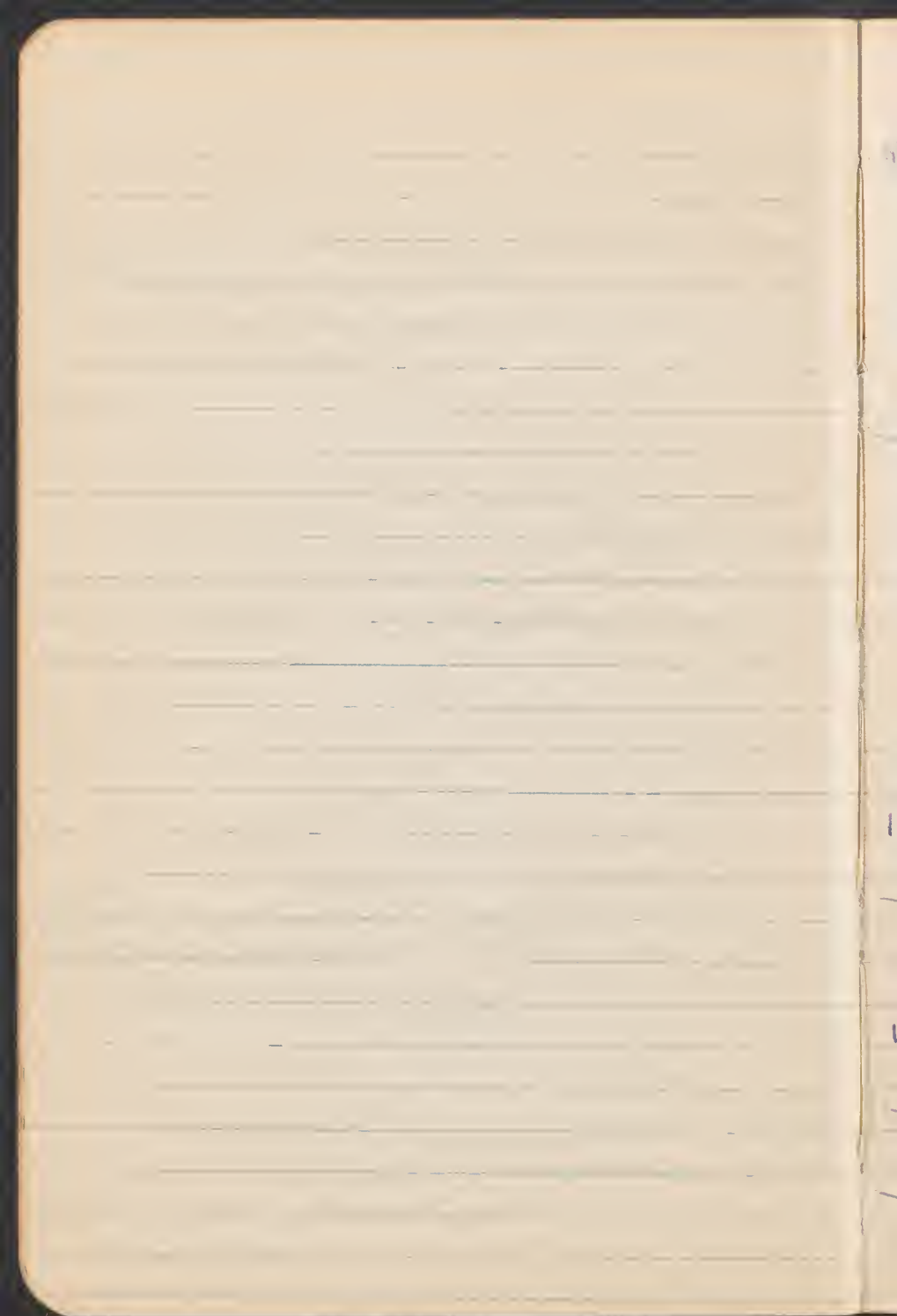
*Bombacopsis*

1025

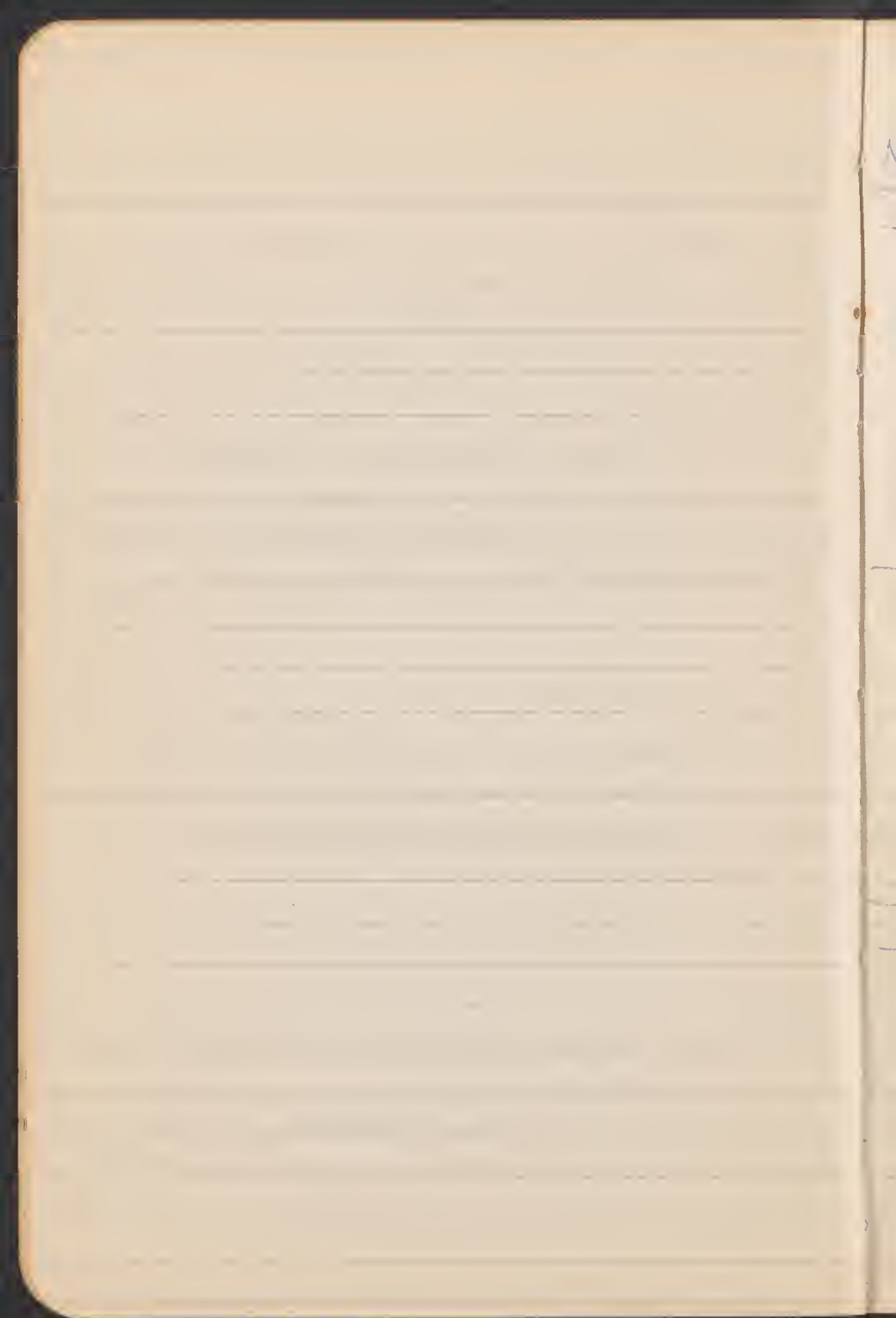
*Cordia alliodora*



N. no.	BGS. Coll. no.	
	1026	
	1027	<i>Cochlospermum</i>
	1028	<i>Gnaphalium excelsum</i> (Bert. + Ball.) Skell.
	1029	(Myrtaceae?)
	1030	(Orchid.)
	1031	(Laurae.)
	1032	
	1033	
	1034	(Simarubae?)
	1035	
1509	1036	<i>Aphelandra deppeana</i> (Aubl. H.?) S. + C.
	1037	<i>Dioscorea</i>
	1038	
	1039	
	1040	
	1041	<i>Inga</i>
	1042	
	1043	(Orchid.)
	1044	<i>Pleuroptalum sprucei</i> (Hook. f.) Standl.
1514	1045	<i>Justicia valerii</i> Leonard
	1046	<i>Passiflora</i> cf. <i>vitifolia</i>
	1047	
1517	1048	<i>Psychotria</i>
1518	1049	<i>Chamaedorea pasaya</i> Cerot.
	1050	det H. E. Moore Jr.



s-no	B&S coll. no.	1
	1051	
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	1057	<i>Begonia lindleyana</i> Walp.
	1058	(Aust.) Hemsl.
1527	1059	<i>Ruellia stemonacanthoides</i>
	1060	
	1061	(Mal.)
	1062	
	1063	
	1064	
	1065	
1534	1066	<i>Siphonoglossa ramosa</i> Berst.
	1067	
	1068	<i>Dioscora</i>
	1069	<i>Dioscora</i>
	1070	<i>Dioscora</i>
1538	1071	<i>Aphelandra deppeana</i> C. & S.
	1072	
	1073	<i>Dioscora</i>
	1074	<i>Begonia glabra</i> Aubl.
	1075	(Cecid.)



N <sup>o</sup> - no	P&S - Coll. no.		(Fungus)
—	1076		
—	1077	<i>Begonia lindleyana</i> Walp	
	1078		
	1079		
	1080		
	1081	<i>Pleuropetalum sprucei</i> (Hook f.)	standl.
	1082		(comp)
	1083		
	1084		
—	1085	<i>Heliconia</i>	(arac.)
	1086		
	1087		
	1088		
	1089		
	1090		(Laurac.)
	1091	<i>Persea</i>	
	1092	<i>Simarouba glauca</i> DC	
—	1093	<i>Desmodium</i>	
—	1094	<i>Zornia</i>	
	1095	<i>Sida</i>	
	1096	<i>Dalechampia</i>	
	1097		
	1098	<i>Acalypha</i>	
	1099		
	1100	<i>Croton nitens</i> Sw	det AGP



glected in Marshhausen, Smithsonian, Contrib. Bot. 18: 77. 1975

BGS

X-no 1 Coll. no

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*Siparuna* <sup>tetraotichantha</sup> (Lindau)  
*Ruellia tubiflora* HBK., var. Leonard

*Columnnea* <sup>det. CVM</sup> *purpurata* Hamet.

*Aphelandra* *sinclairiana* Nees

*Solanum sanctaeclarae* <sup>Gramm</sup>

*Justicia comata* (L.) Lam.

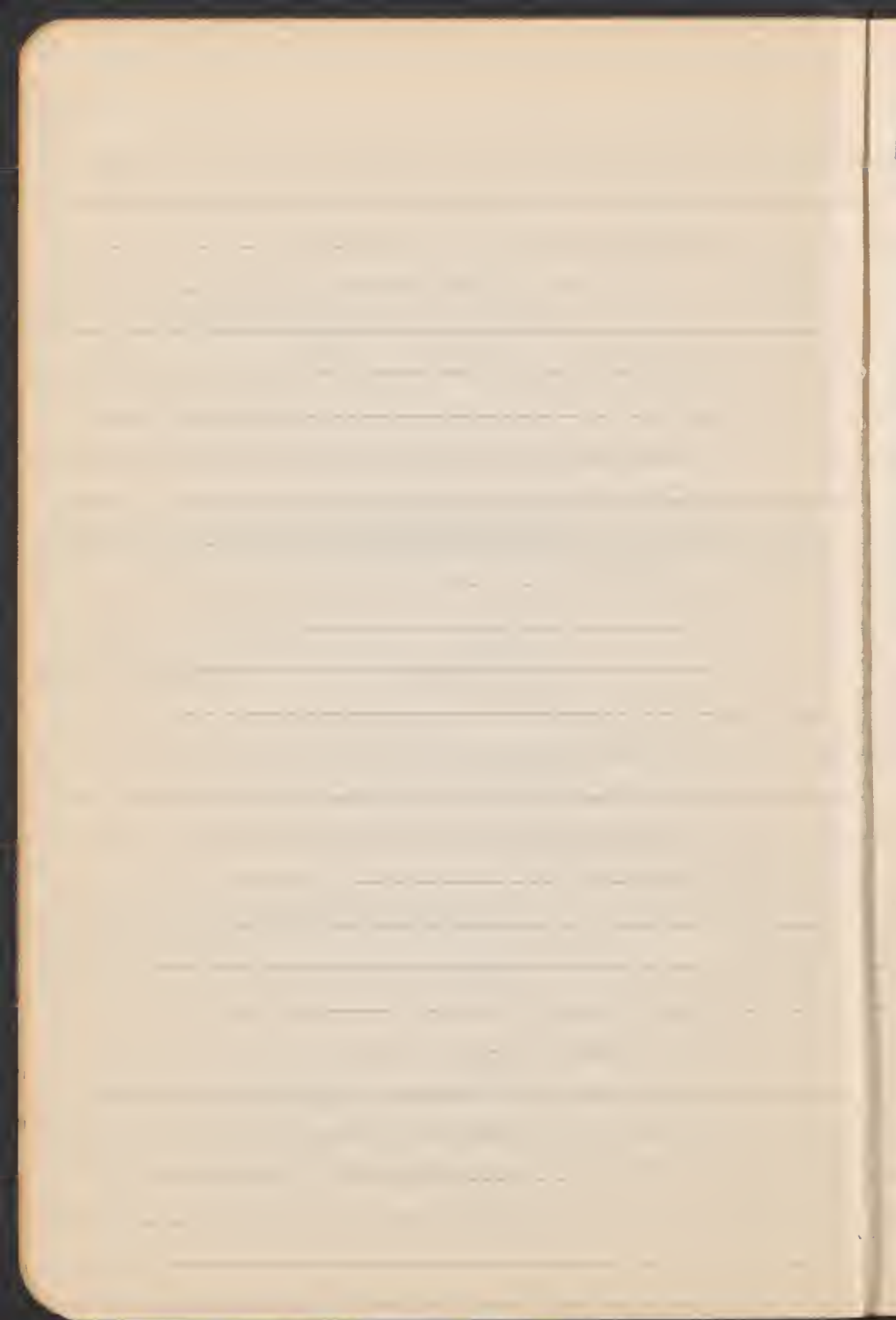
*Odontonema strictum* (Nees) Ktze.

*Vittaria stipitata* Kunze <sup>det. CVM.</sup>

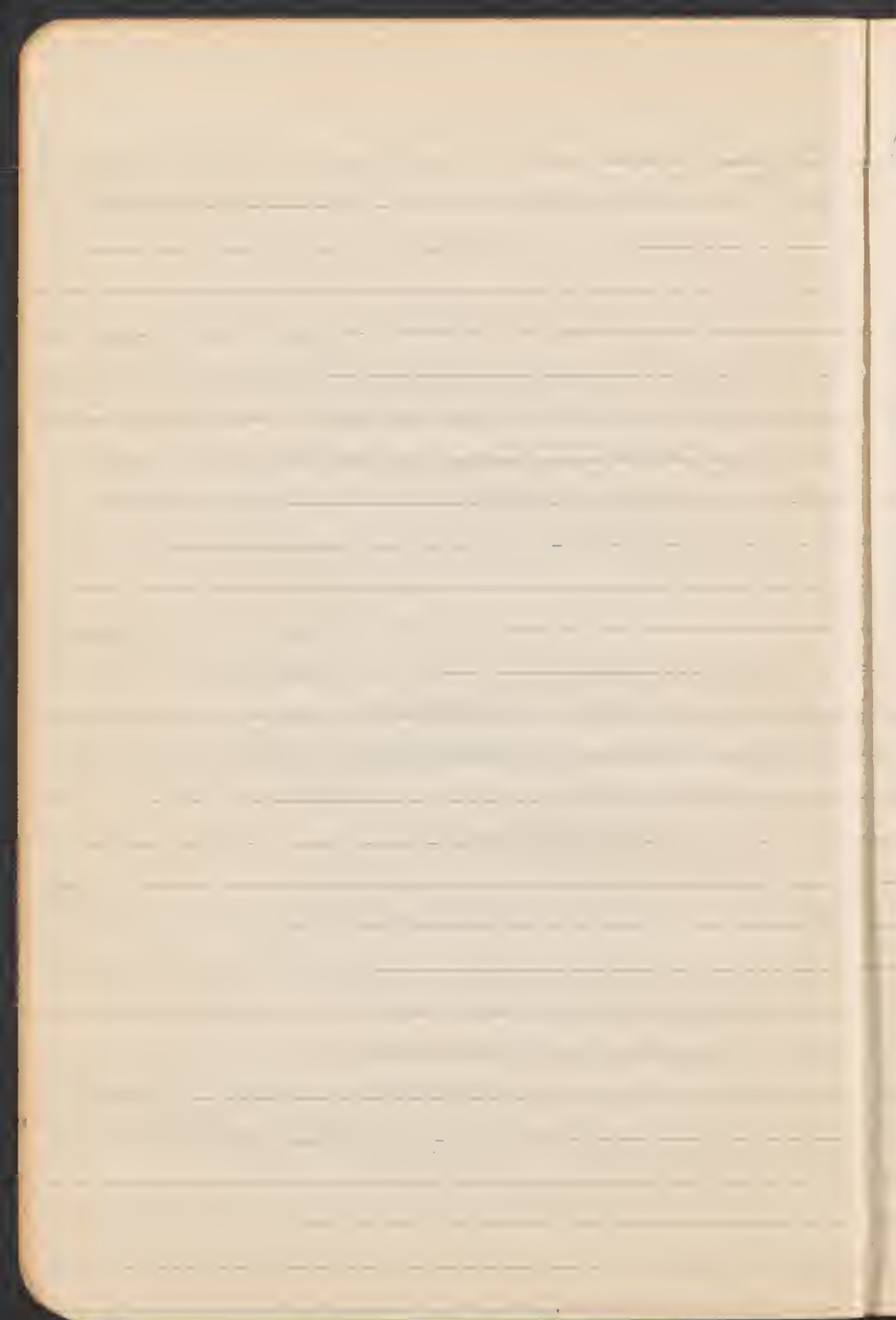
*Croton nitens* Sw <sup>det. AG-P</sup>

*Acchmea angustifolia* P. & E. <sup>det. LBS</sup>

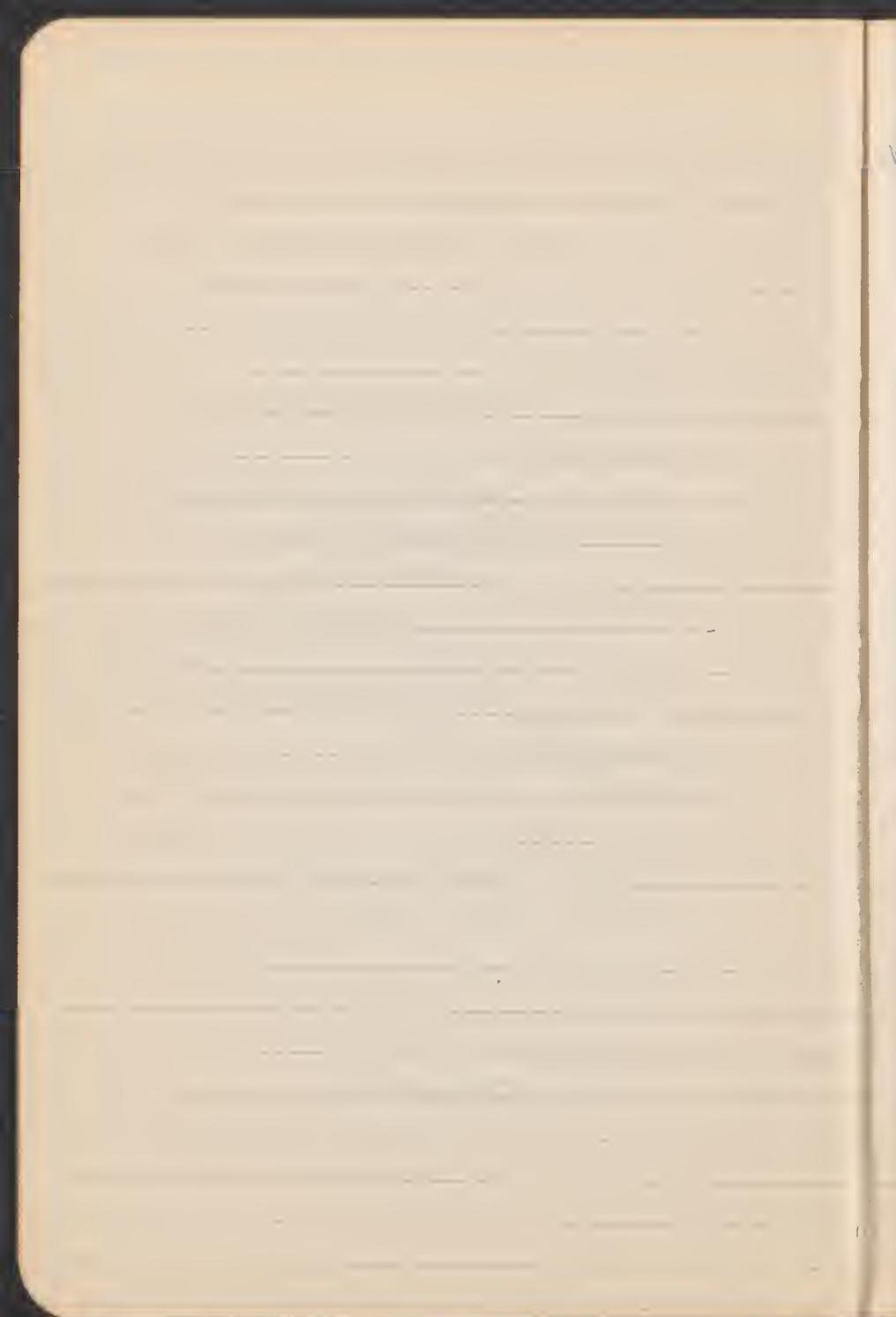
*Acchmea pubescens* Baker



	BES	
N-710.	Coll. no.	det. L.D.S.
—	1126	<i>Reichmea schultesiana</i> Mez
—	1127	
	1128	
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	1130	
	1131	
	1132	
—	1133	(HBK.) Endl. <i>Anthurium myosuroides</i>
	1134	
—	1135	
	1136	
	1137	<i>Lasiacis ligulata</i> Hitchc. + Chase
—	1138	<i>Dioscorea</i>
1589	1139	<i>Jacobinia tinctoria</i> (Desrt.) Hemsl.
	1140	
	1141	
	1142	
1593	1143	<i>Odontonema strictum</i> (Nas) Ktze.
	1144	
	1145	
	1146	
	1147	<i>Campelia zayonia</i> (L.) HBK.
	1148	<i>Bomarea chontalensis</i> Seem. <sup>det Baker</sup>
	1149	<i>Acalypha</i>
1600	1150	<i>Ruellia biolleyi</i> Lindau



No	BGS coll. no	
—	1151	<i>Dorstenia</i>
1601	1152	
1602	1153	
	1154	Legum
1604	1155	Legum
1605	1156	Nees
	1157	<i>Aphelandra tetragona</i> (Vahl)
1607	1158	<i>Beloperone variegata</i> Lindau
—	1159	<i>Dioscorea</i>
—	1160	<i>Dioscorea</i>
	1161	<i>Streptochaeta sodiroana</i> Hack.
1609	1162	<i>Beloperone variegata</i> Lindau
1610	1163	<i>Pseuderanthemum lanceolatum</i> Standl. & Wms
	1164	
	1165	
	1166	
1614	1167	<i>Ruellia pittieri</i> Lindau
	1168	<i>Calathea</i>
	1169	
	1170	
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—	1172	<i>Heliconia</i>
	1173	
	1174	<i>Xipidium</i>
	1175	



BGS-

V-no. 1 Coll. no. 1

176

1177

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1181 <sup>det Schudt</sup> *Heliconia impetolaris* (Sw.) D. Don

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1184

*Bactris*

det HEM

1185

*Heliconia*

1186

*Chamaedorea* ♂

det HEM

1187

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1190

*Desmodium axillare*, var.

1191

*Episcia lilacina* Hanst.

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*Episcia lilacina* Hanst.

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*Dioscorea*

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*Dioscorea*

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*Dioscorea*

1196

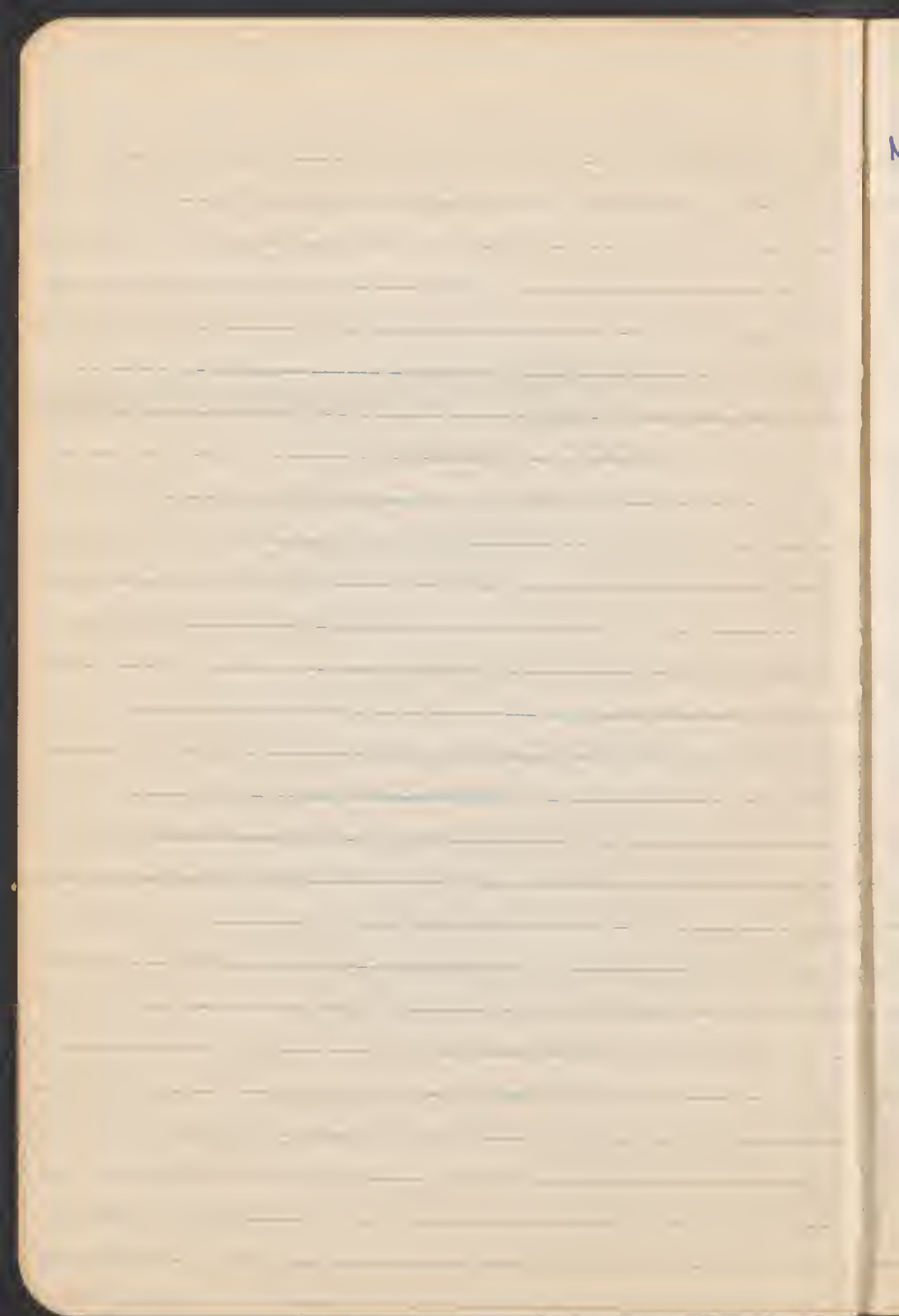
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*Begonia filipes* Benth.*Dioscorea bracteosum* (Desrot.) <sup>Hornst.</sup>*Begonia carpinifolia* Liebm.*Dioscorea*

June 12, 1897

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Coll. - no.

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*Solanum brenerii* Mort. + Standl

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*Schria latifolia* Sw.

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*Dioscorea*

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*Asplenium pseudorectum* Hieron

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*Elaphoglossum hirtum* (Sw.) C. Chr.

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BGS

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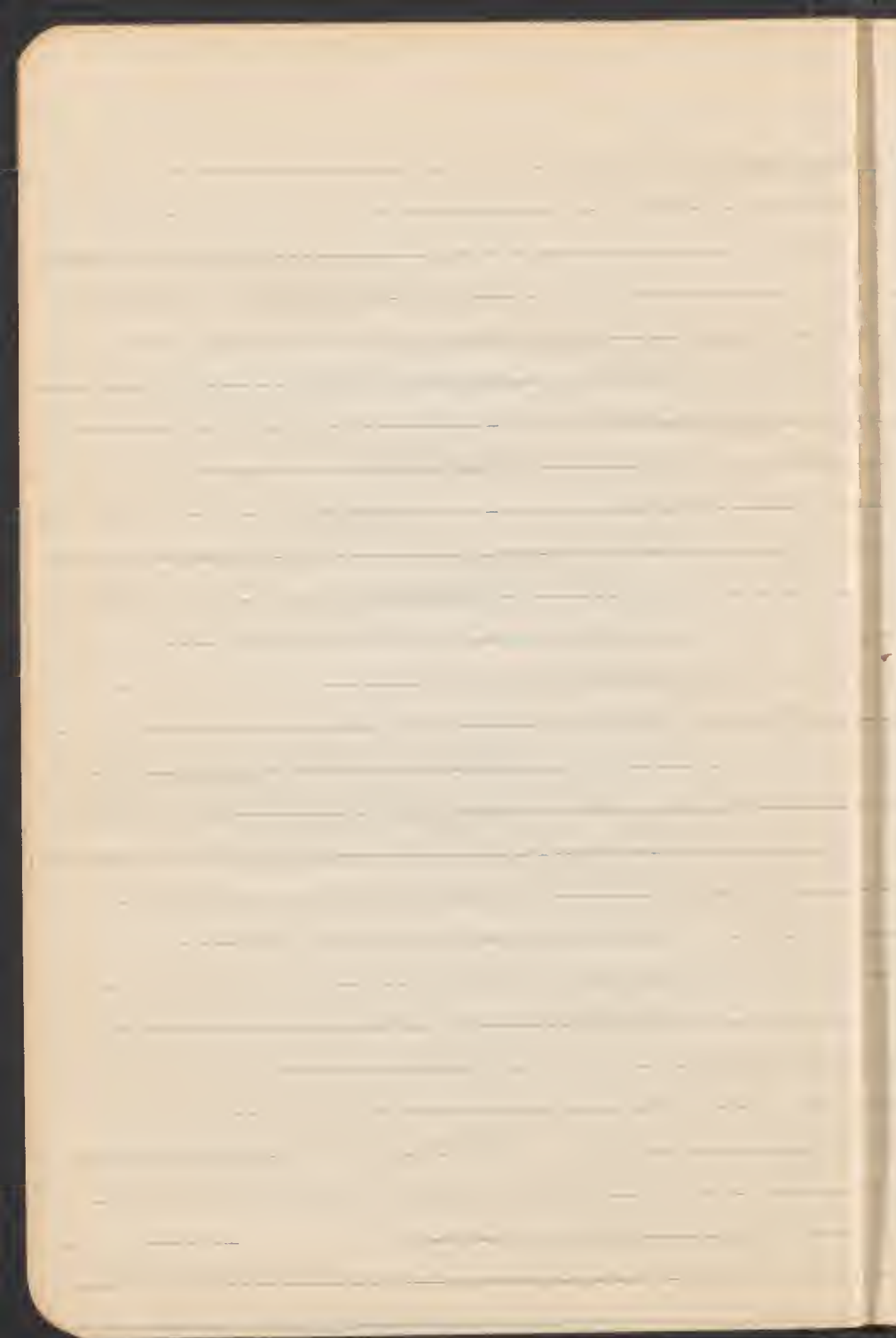
Coll.-no.

—	1251	<i>Tillandsia incurva</i> Griseb.
—	1252	<i>Polypodium blepharodes</i> Maxon
—	1253	
—	1254	<i>Begonia glabra</i> Aubl.
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	1264	<i>Genipa americana</i> L. <sup>det: T.S. Elias</sup>
	1265	
—	1266	
1st coll in mature fr.	1267	<i>Strapchnos chlorantha</i> Prozel <sup>det Krudup</sup>
—	1268	<i>Begonia glabra</i> Aubl.
—	1269	
—	1270	<i>Elaphoglossum</i> sp.
—	1271	<i>Elaphoglossum</i> sp.
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—	1273	
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N- no.	BGS- Coll. no.	
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	1277	<i>Pernettia coriacea</i> Klopaj
	1278	
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—	1280	<i>Begonia udisylvestris</i> C. DC.
—	1281	<i>Begonia udisylvestris</i> C. DC.
	1282	<i>Plantago</i>
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—	1285	<i>Begonia</i>
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—	1288	<i>Poa annua</i> L.
—	1289	<i>Begonia udisylvestris</i> C. DC.
—	1290	<i>Begonia lindleyana</i> Walp.
	1291	
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	1296	<i>Siparuna</i> sp. Monim.
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—	1298	<i>Begonia semiovata</i> Liebm.
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IV-no. BGS.  
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*Polypodium ciliatum* Willd.



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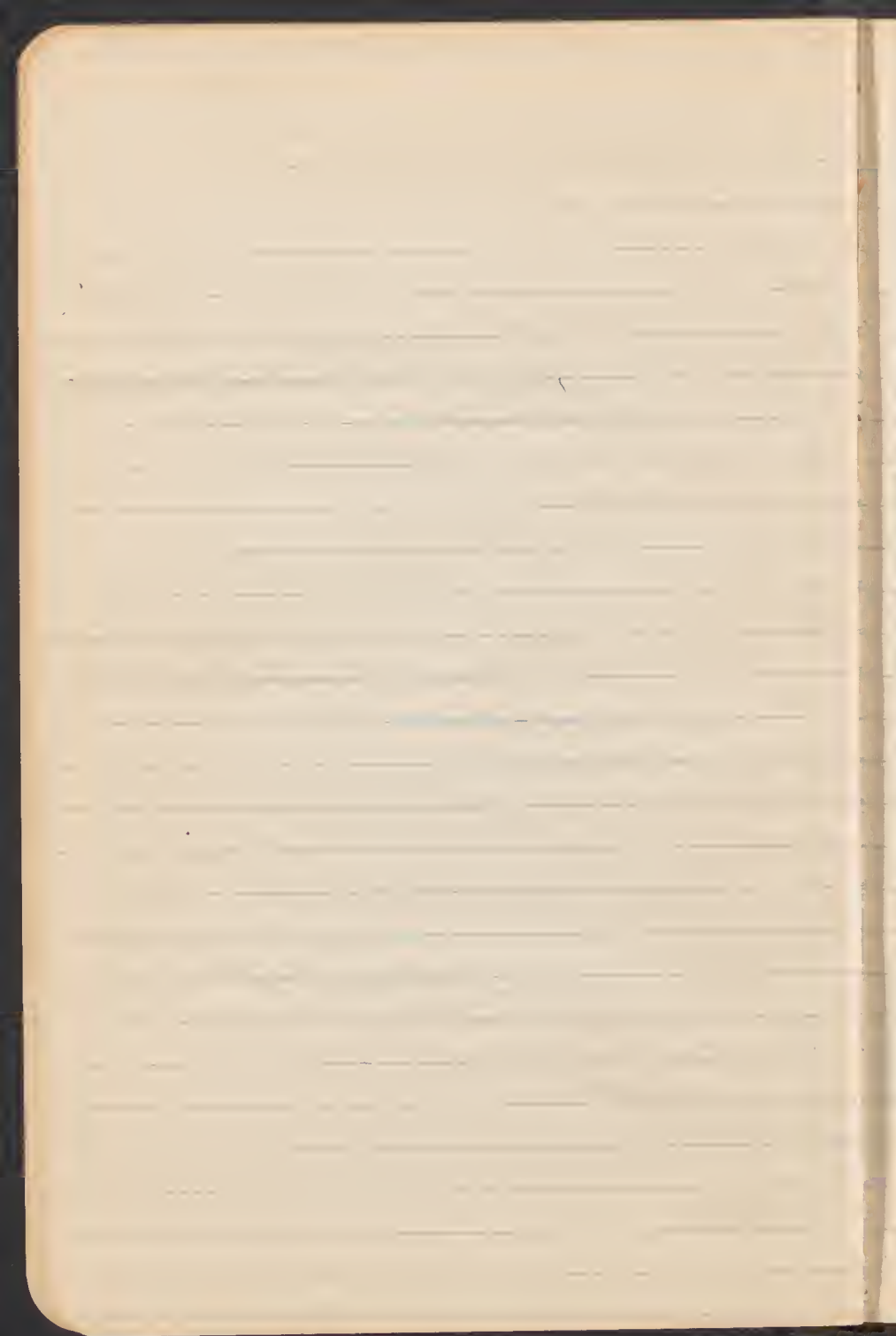
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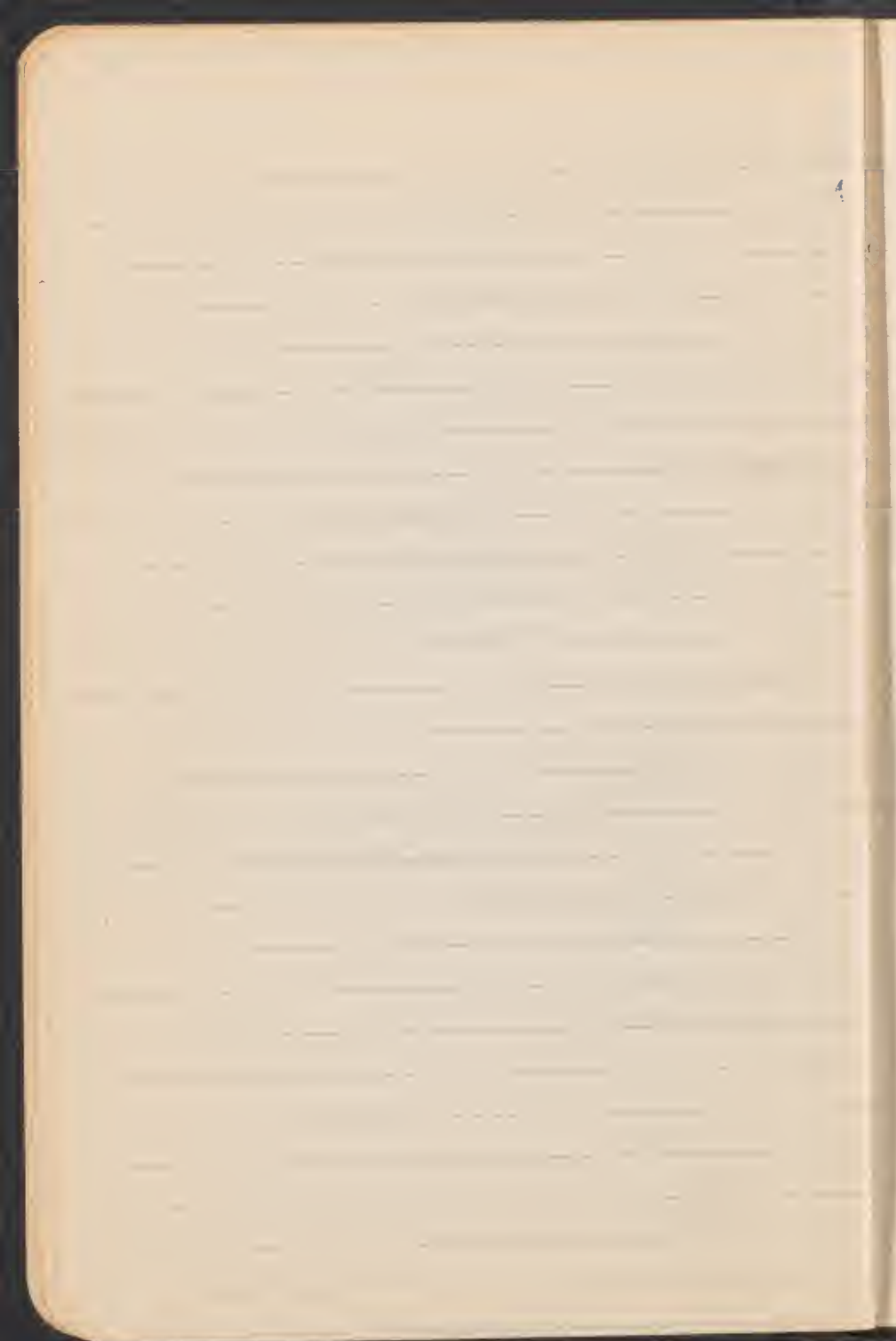
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- 1350 Begonia  
 — 1351 Rinorea  
 — 1352 Bamboo  
 — 1353 Inga  
 — 1354 Tovomitopsis  
 — 1355 Passiflora  
 — 1356 Croton  
 — 1357 Hampea  
 — 1358 Begonia  
 — 1359 Begonia  
 — 1360 Bromel.  
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*Ruellia biolleyi* <sup>det Baker</sup> Lindau



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The first part of the paper is devoted to a general  
 discussion of the problem. It is shown that the  
 problem is of great importance in the theory of  
 functions of a complex variable. The second part  
 contains a detailed proof of the theorem. The third  
 part is devoted to some applications of the theorem.  
 The fourth part contains some remarks and  
 references.

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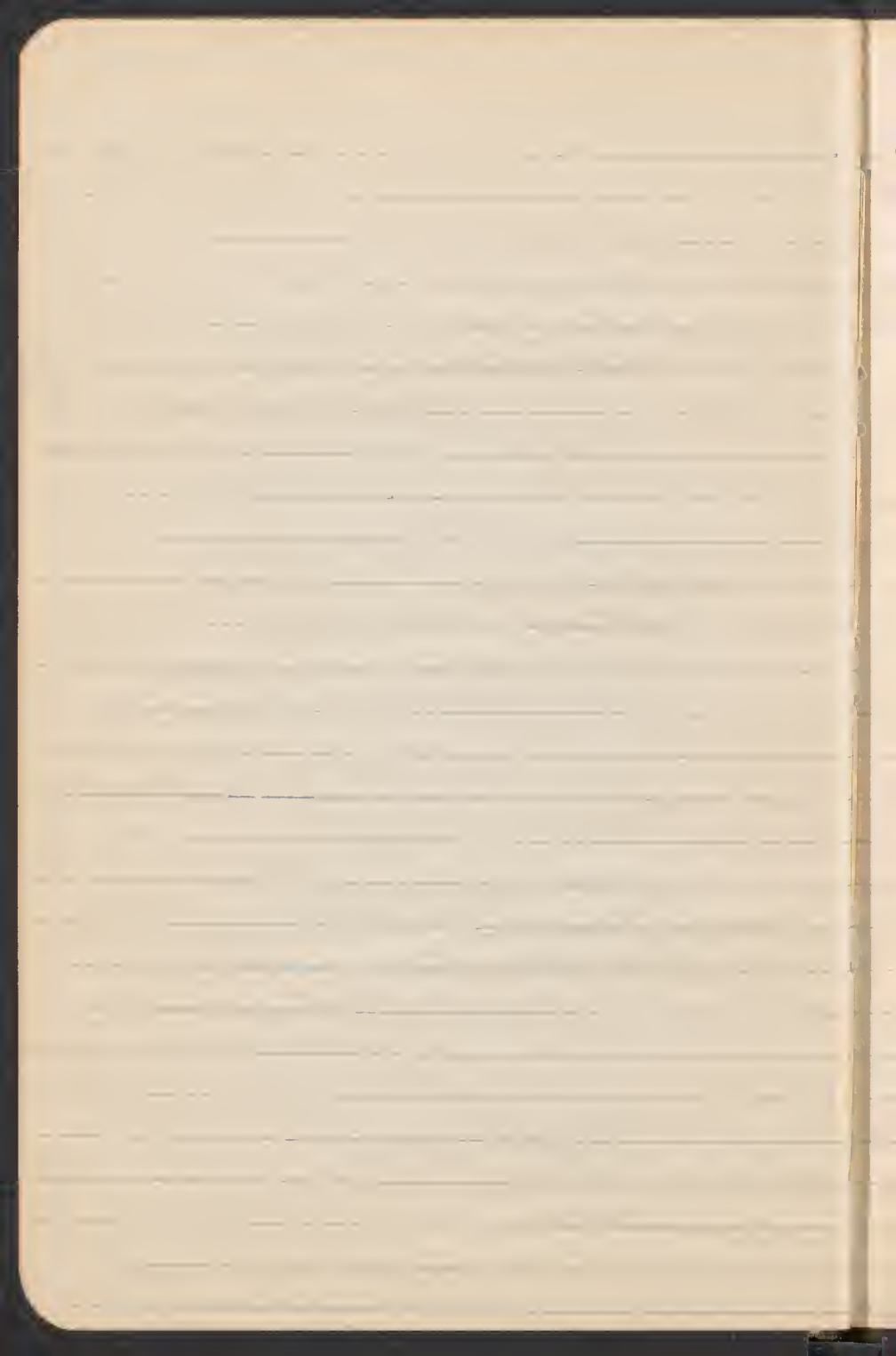
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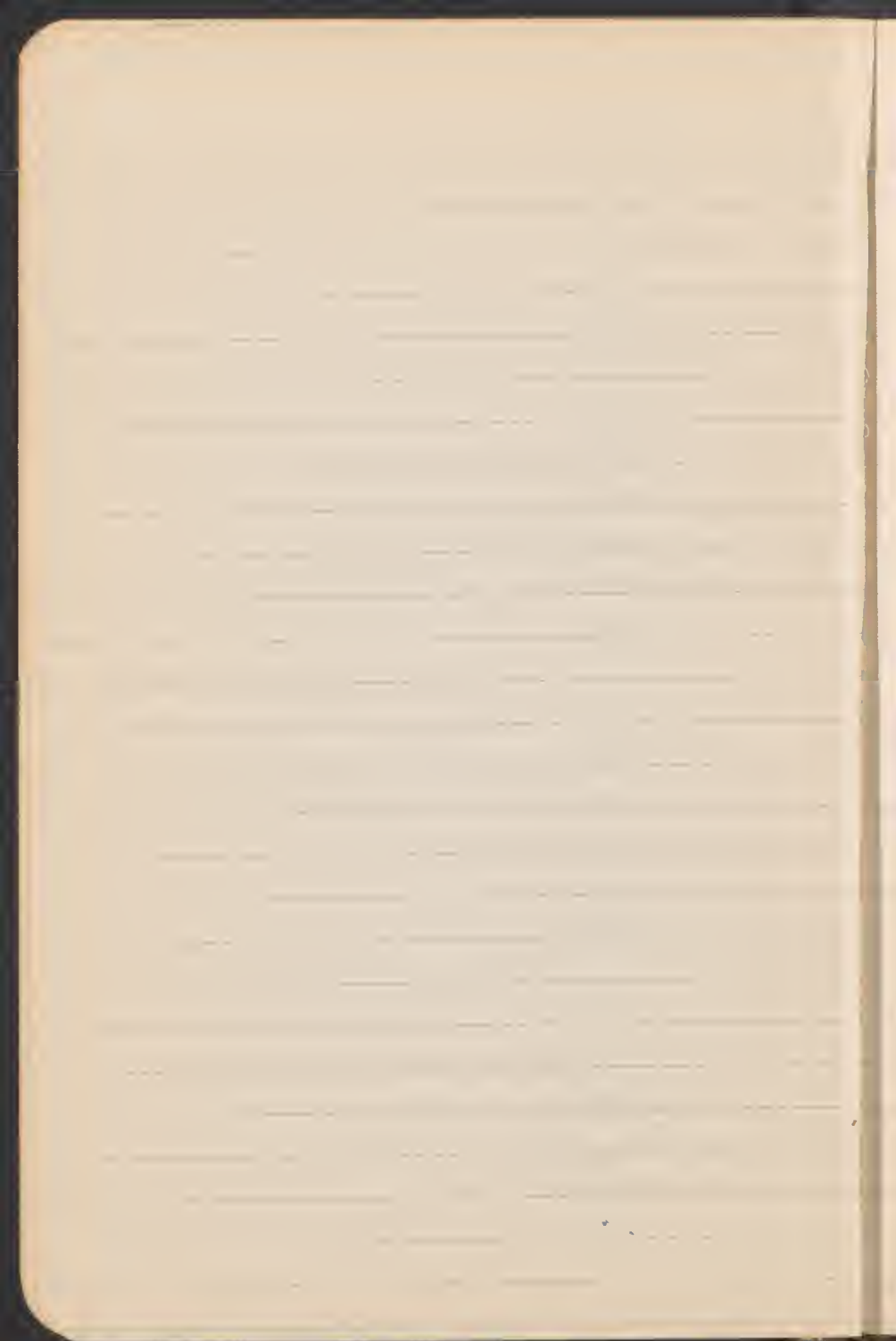
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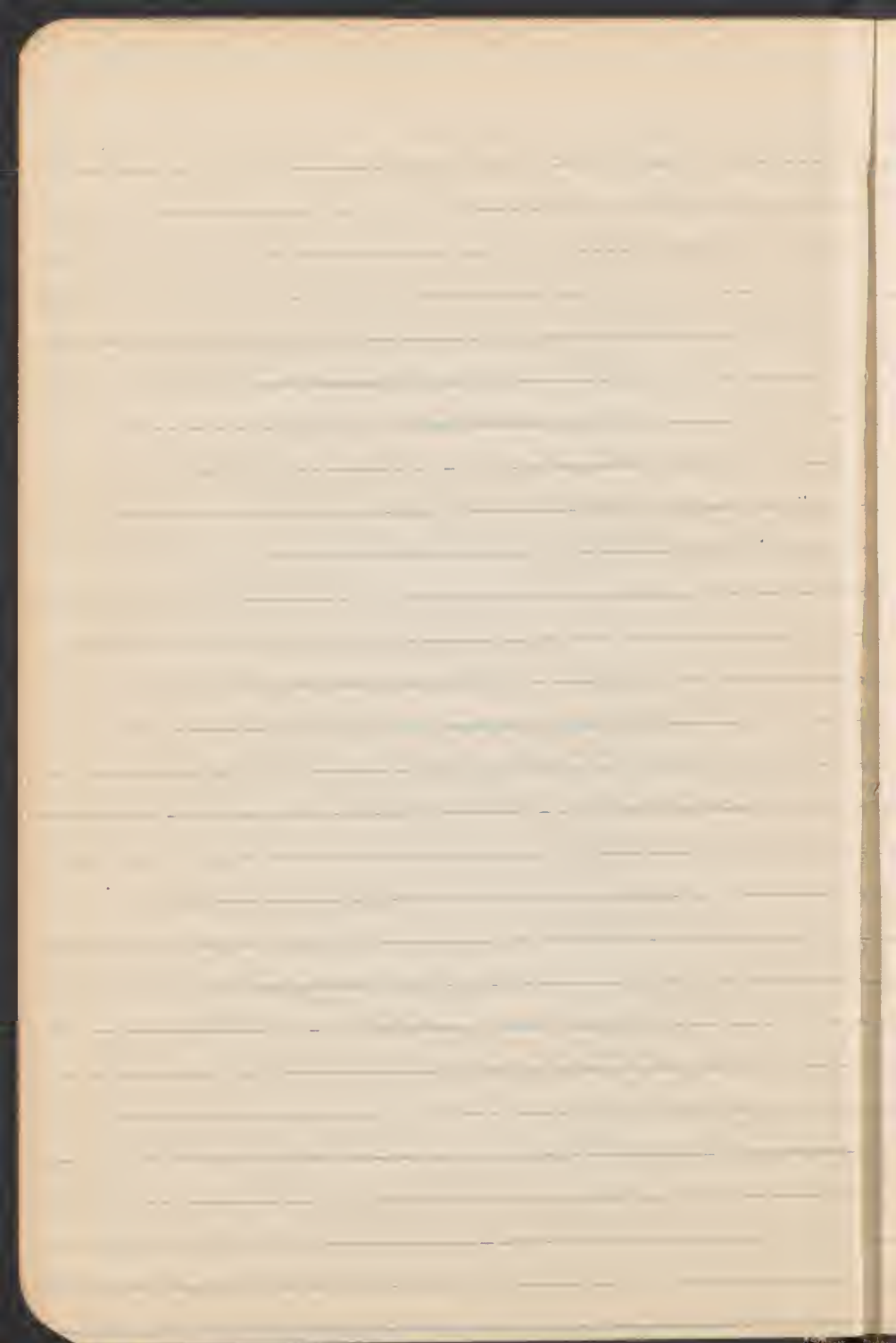
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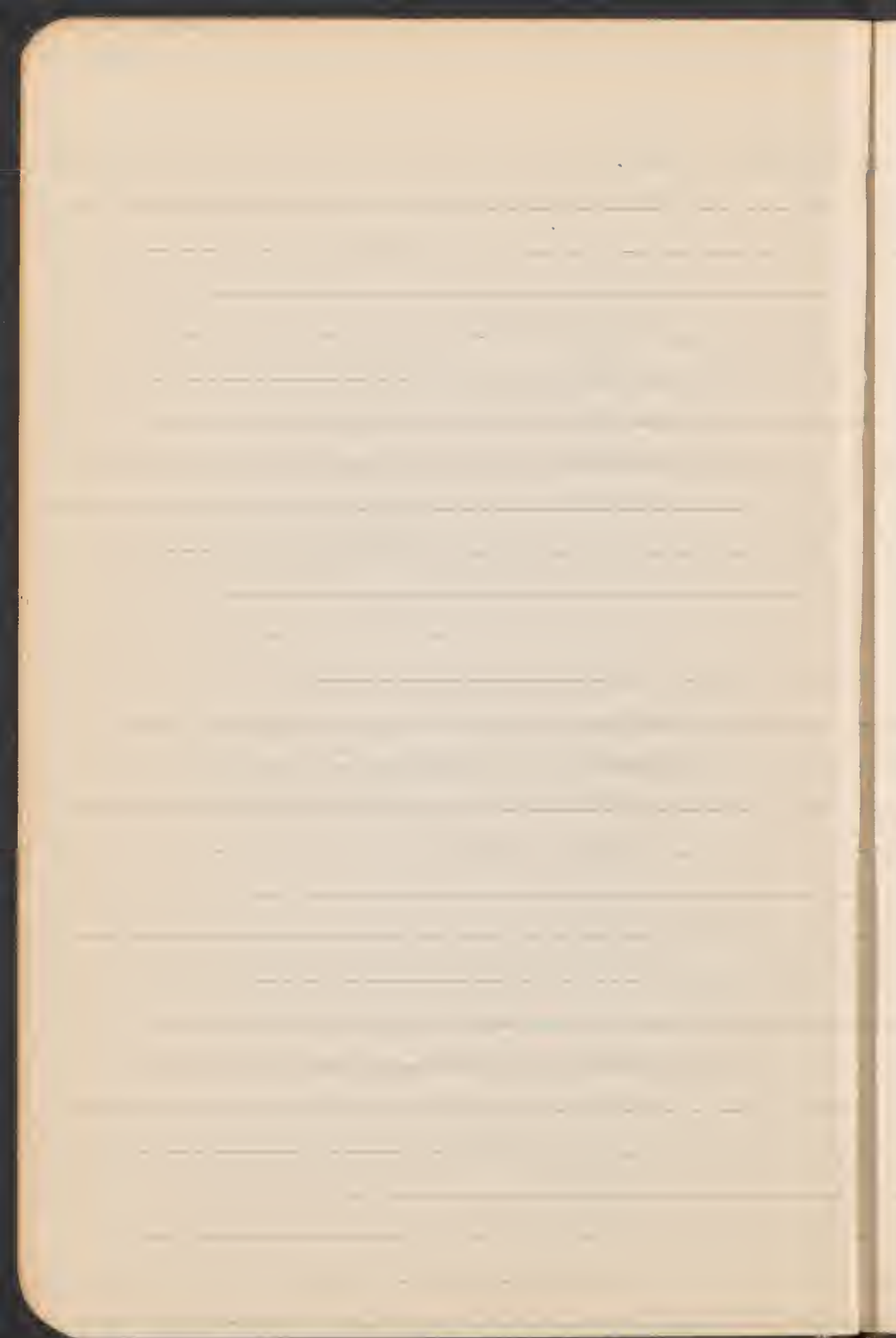
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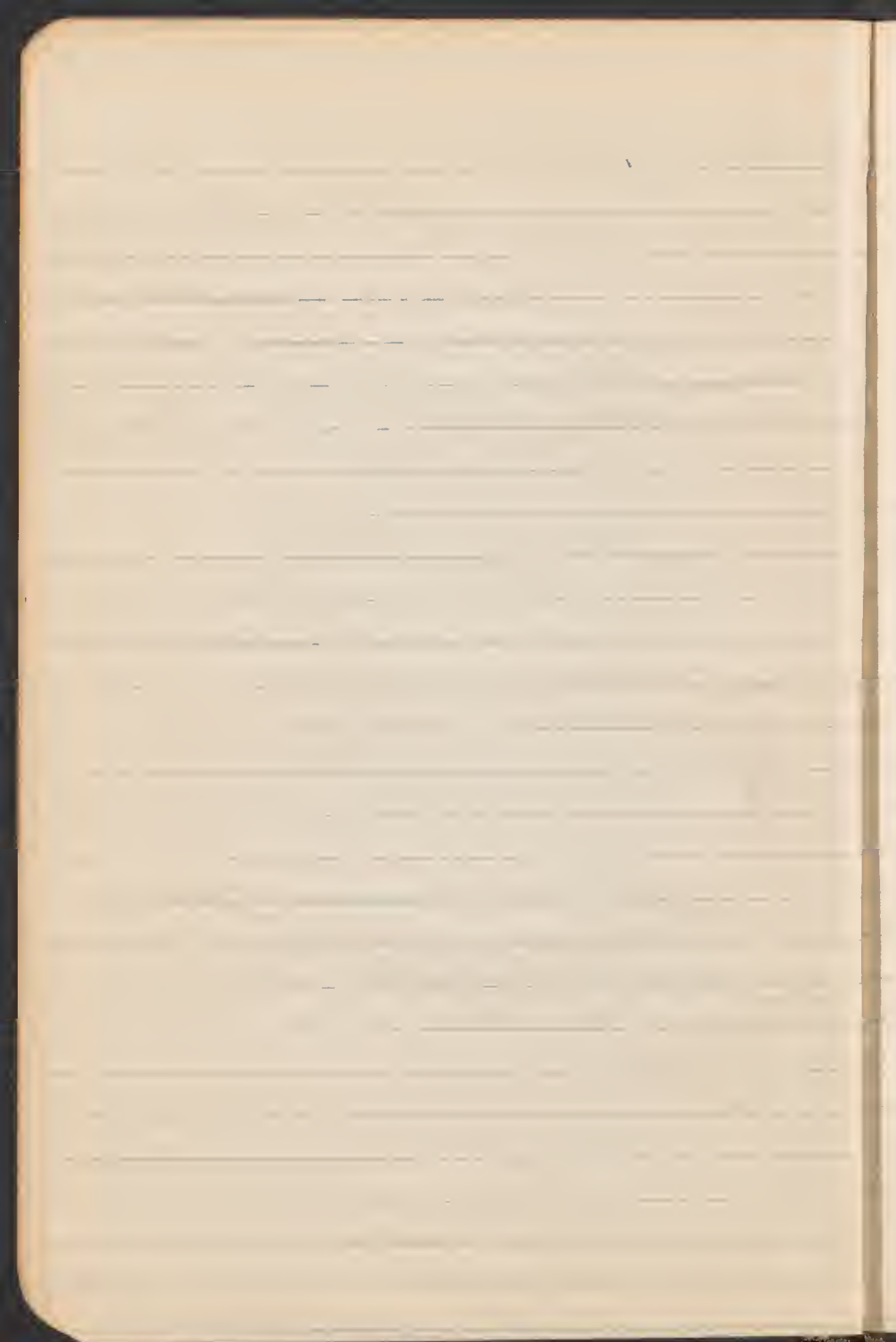
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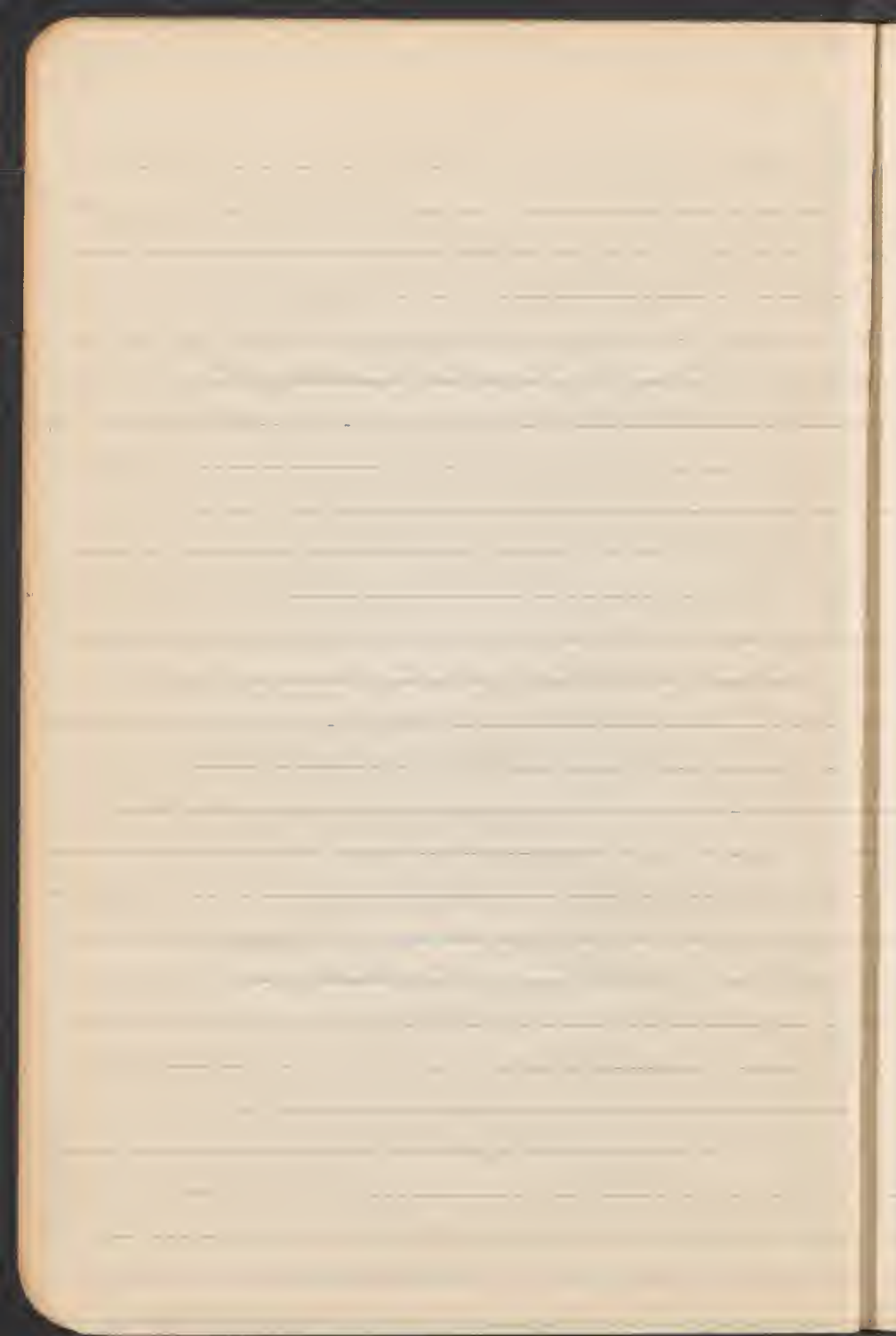
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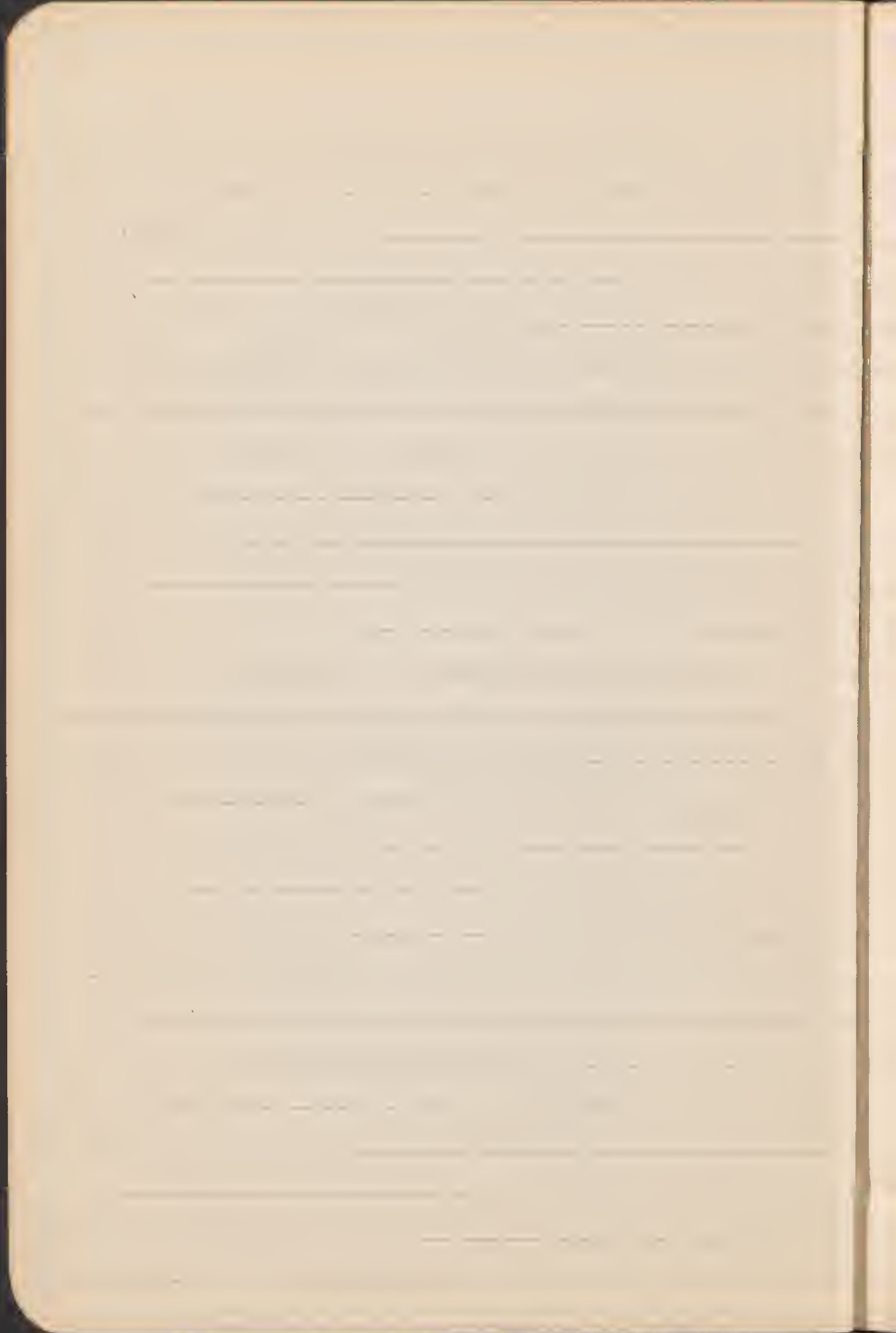
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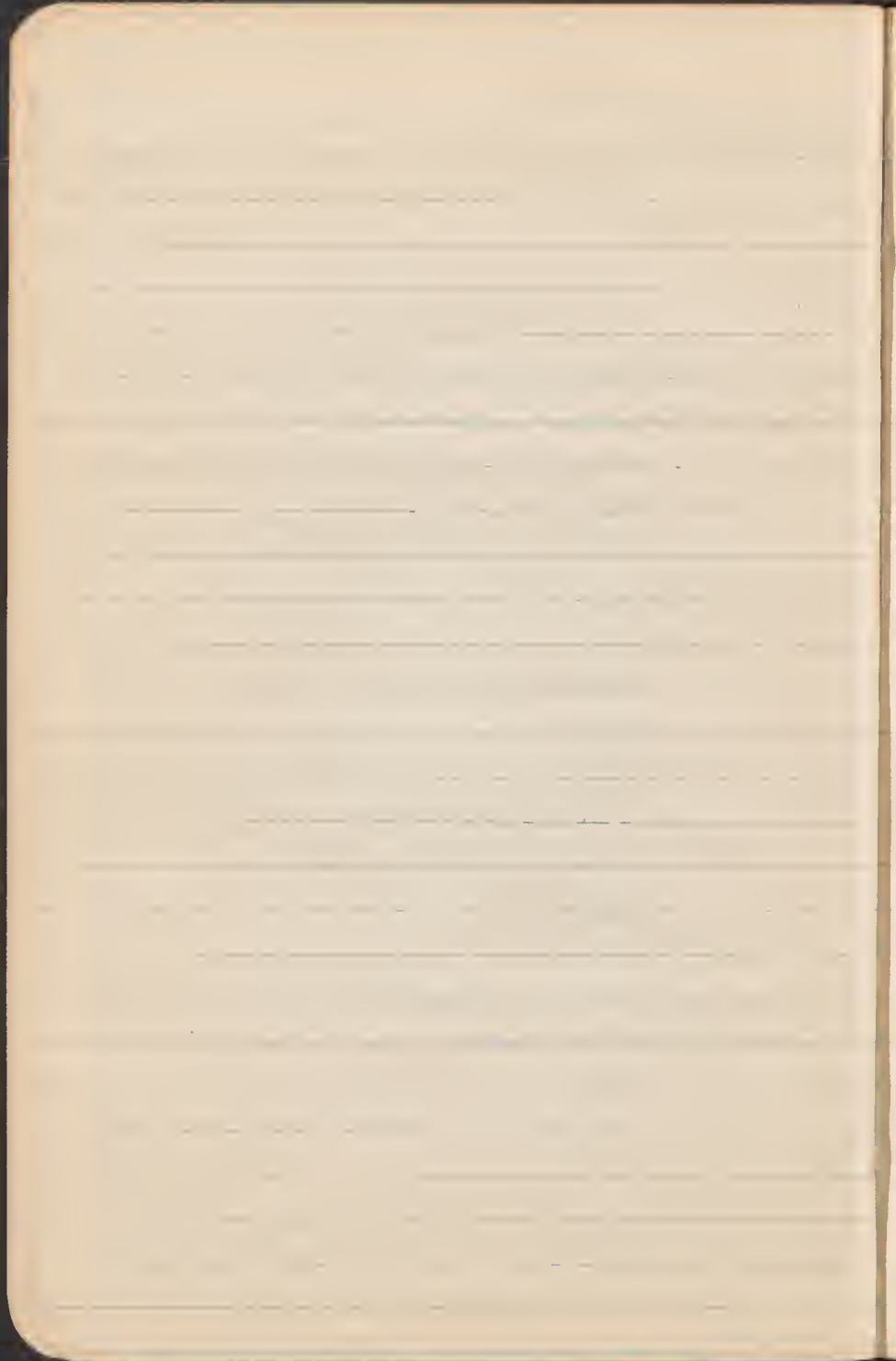
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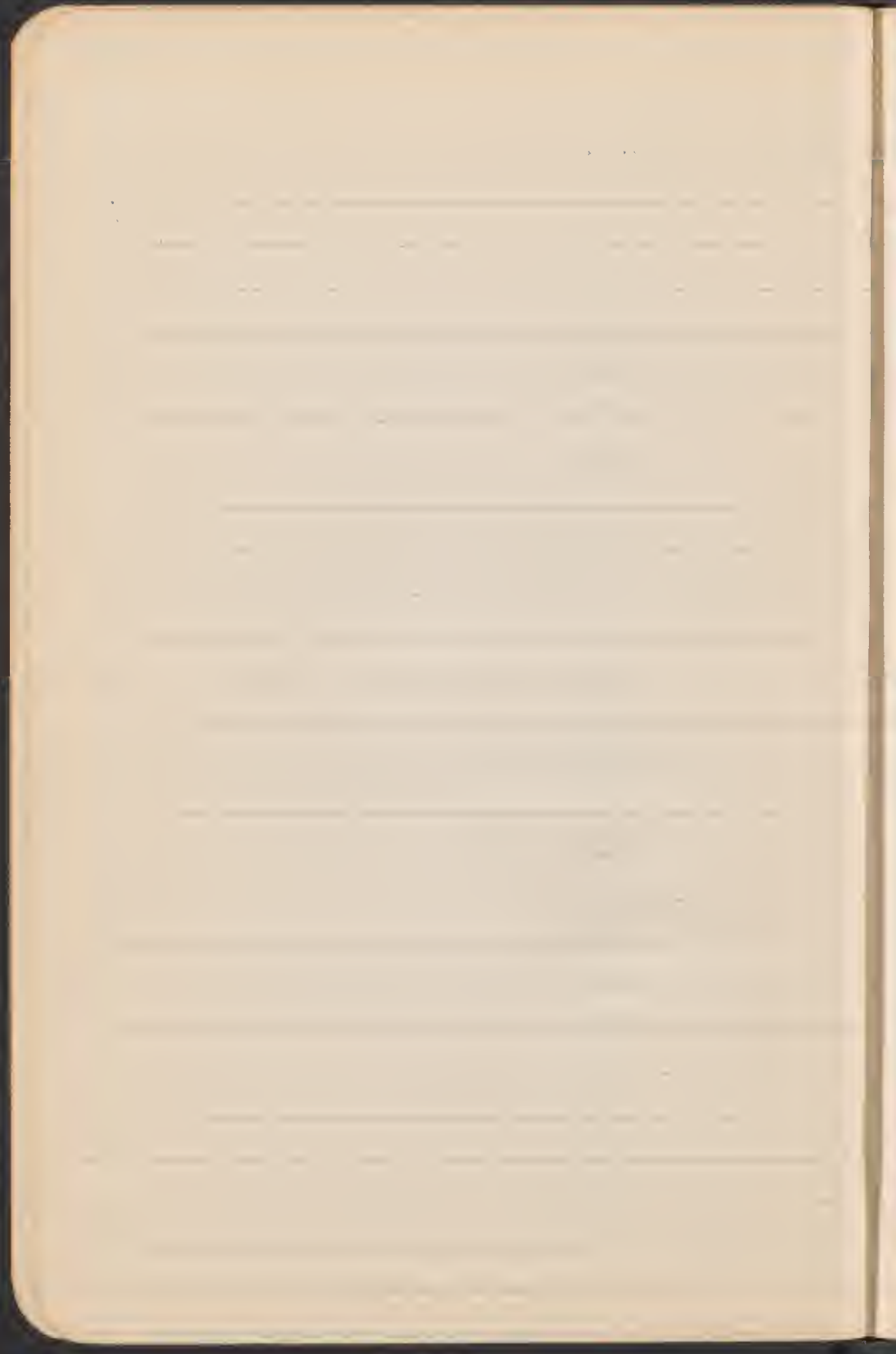
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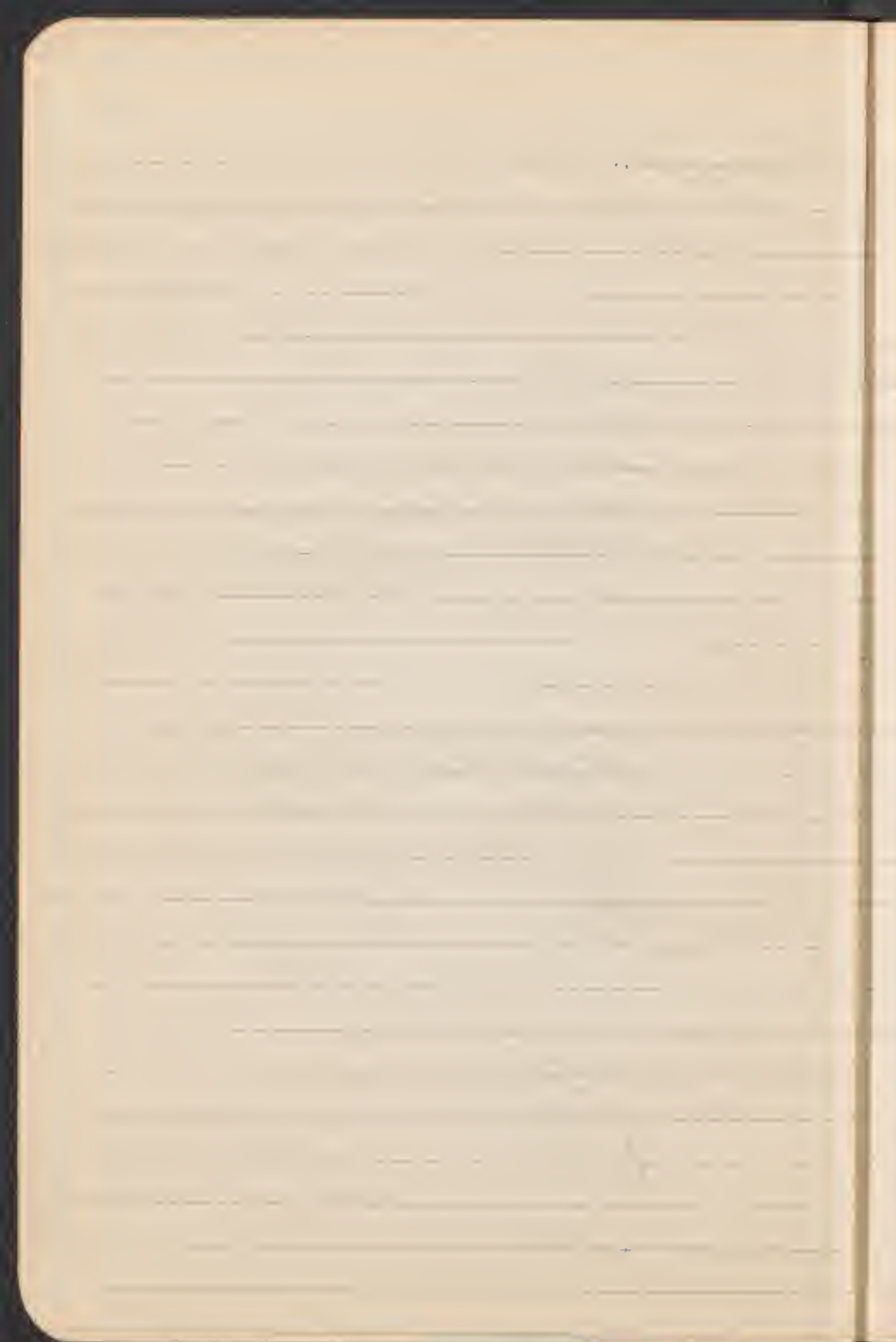
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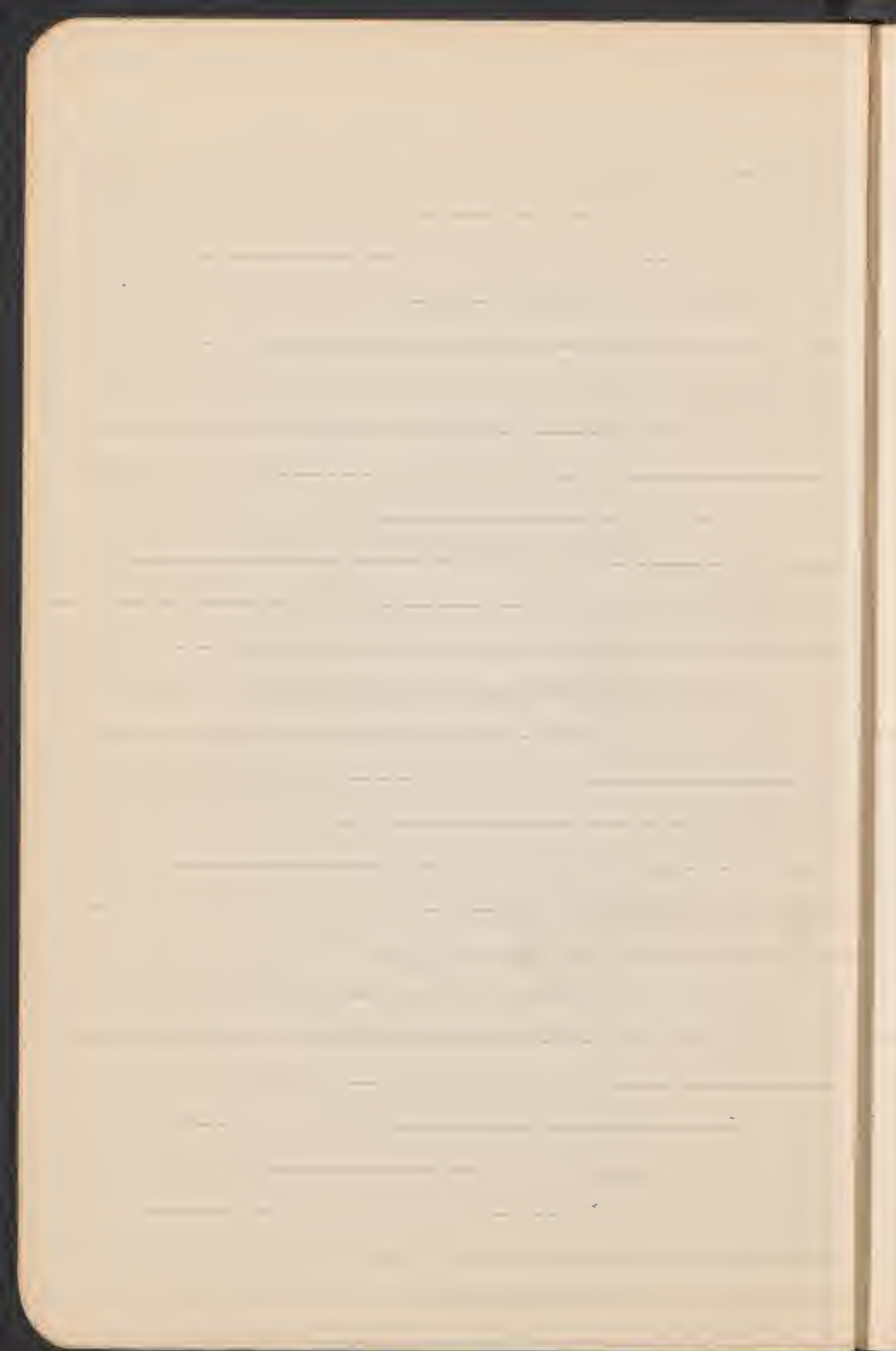
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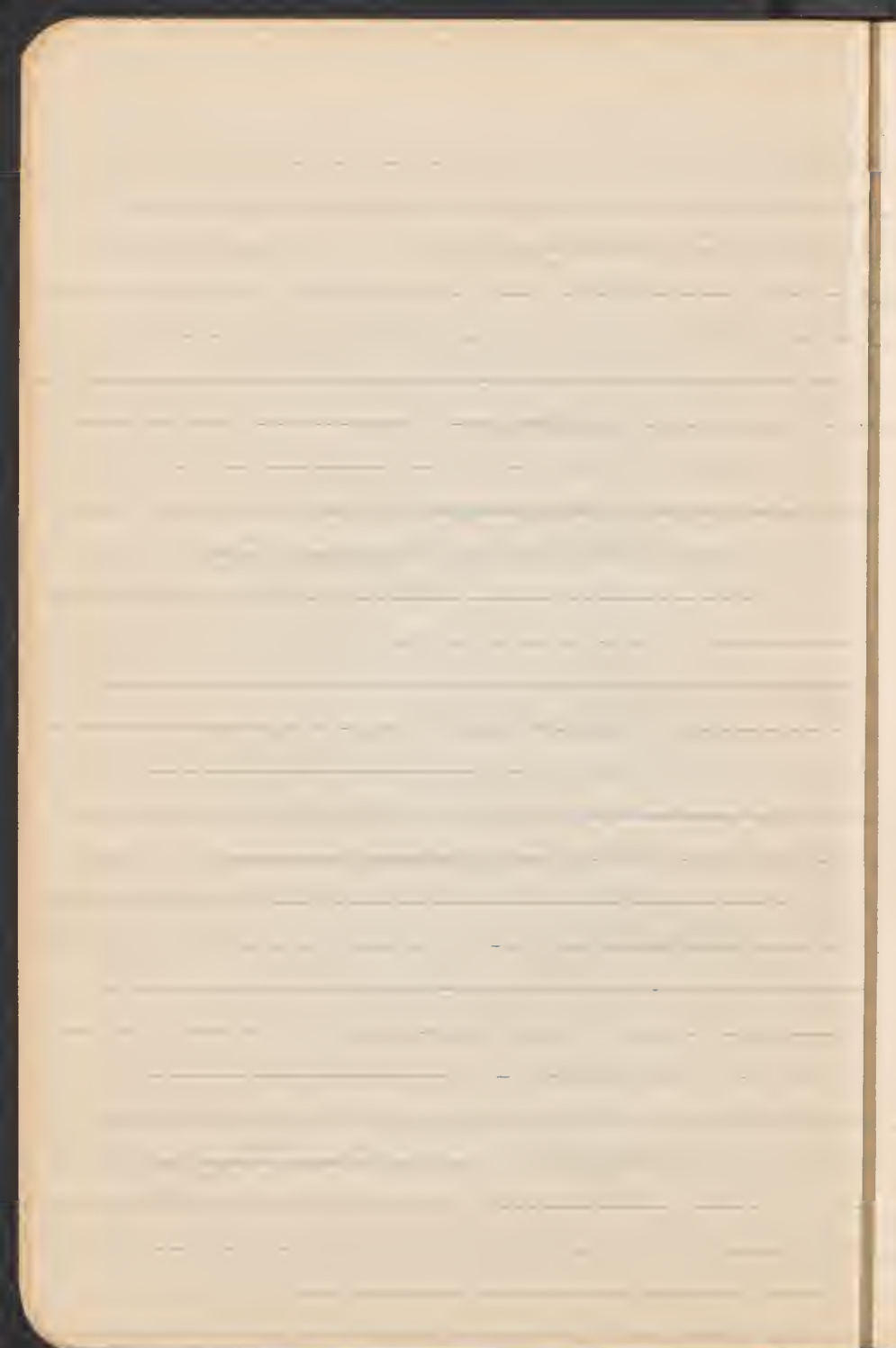
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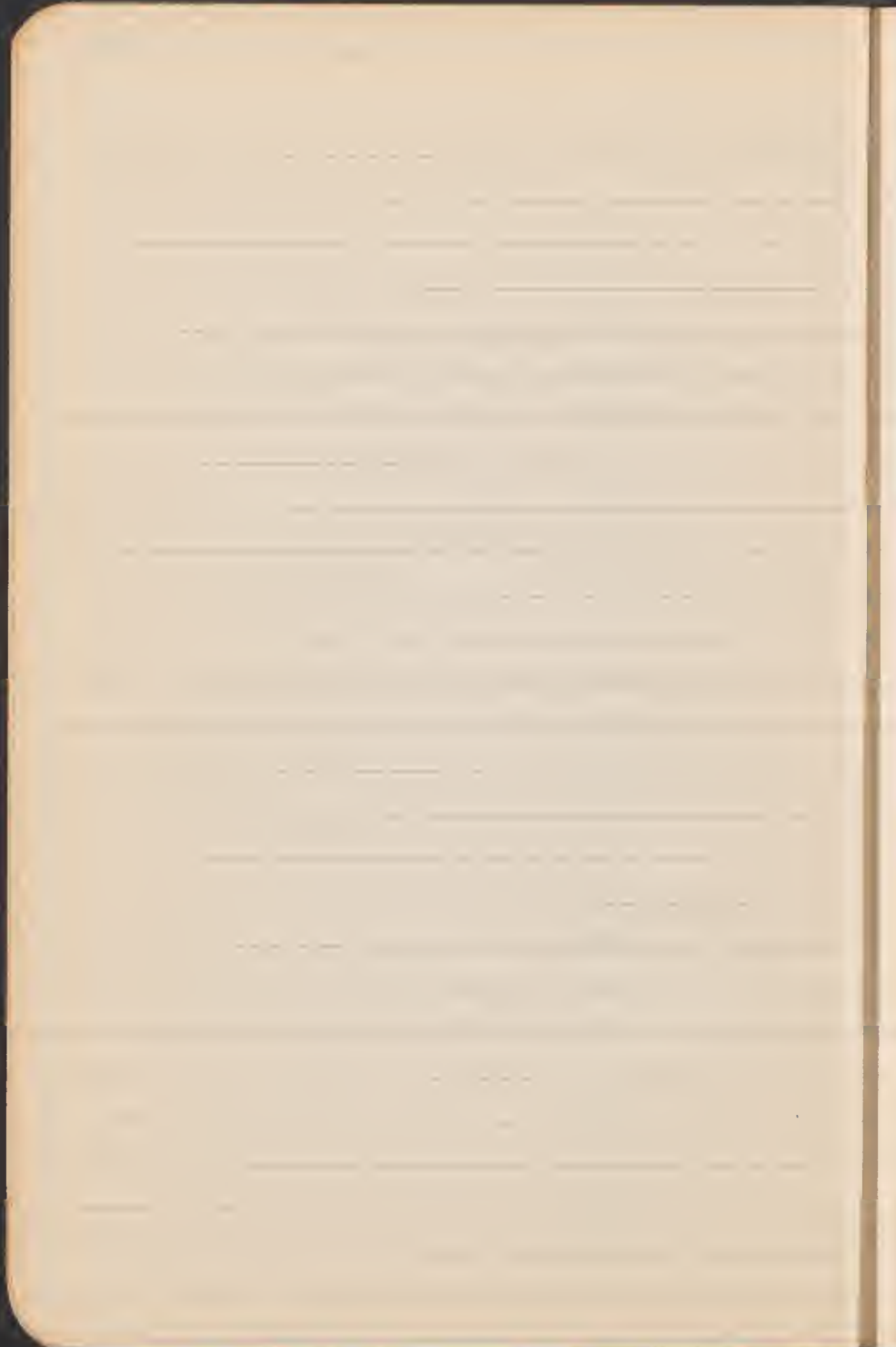
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